

Grebe Triangles

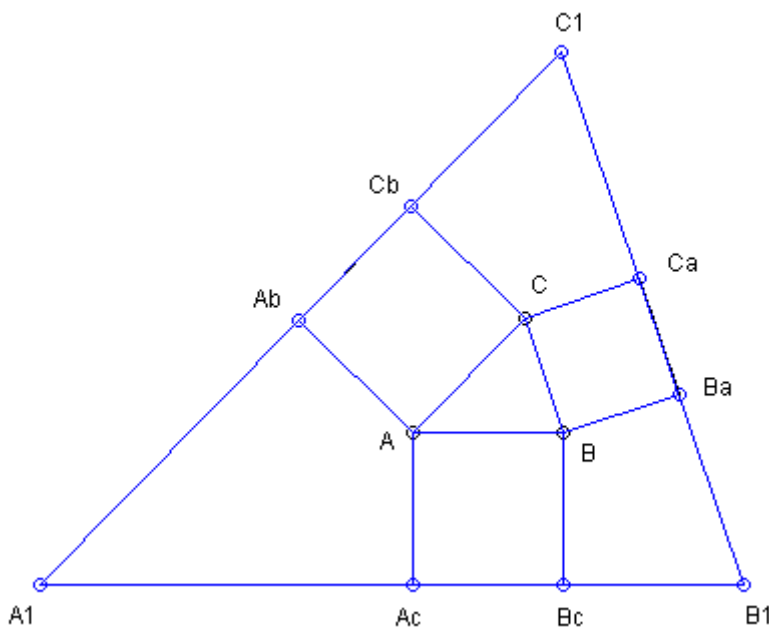
Deko Dekov

Abstract. By using the computer program "Machine for Questions and Answers", we find perspectives of the Grebe Triangles.

The *Grebe triangles* are studied by Darij Grinberg [3]. Grinberg gave also description of the perspector of the Outer (and Inner) Grebe triangle and the Orthic triangle.

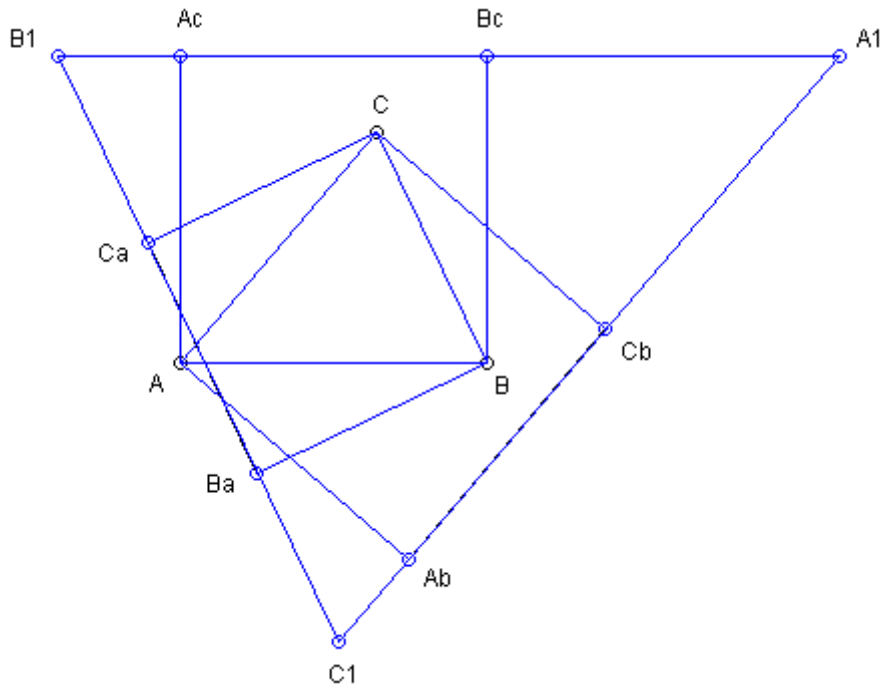
Erect squares BB_aC_aC , CC_bA_bA , AA_cB_cB on the sides BC , CA , AB of triangle ABC (outwards). Then, the triangle $A_1B_1C_1$ enclosed by the lines B_aC_a , C_bA_b , A_cB_c is called the *Outer Grebe Triangle*.

See the Figure:



Erect squares BB_aC_aC , CC_bA_bA , AA_cB_cB on the sides BC , CA , AB of triangle ABC (inwards). Then, the triangle $A_1B_1C_1$ enclosed by the lines B_aC_a , C_bA_b , A_cB_c is called the *Inner Grebe Triangle*.

See the Figure:



Outer Grebe Triangle

The Machine for Questions and Answers finds examples of perspectors of triangles and Outer Grebe triangles. A few examples are given below.

The Outer Grebe Triangle is homothetic to Triangle ABC.

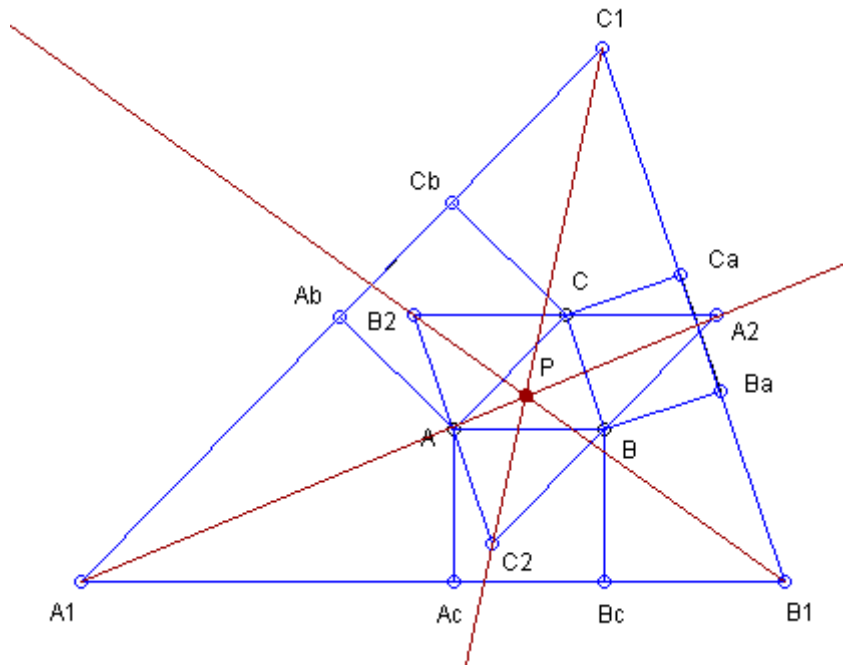
The Outer Grebe Triangle is homothetic to the Medial Triangle.

The Outer Grebe Triangle is perspective with the Orthic Triangle.

The Outer Grebe Triangle is perspective with the Symmedial Triangle.

The Outer Grebe Triangle is homothetic to the Anticomplementary Triangle.

See the Figure:



$A_1B_1C_1$ - Outer Grebe Triangle;
 $A_2B_2C_2$ - Anticomplementary Triangle;
 P - Homothetic Center of triangles $A_1B_1C_1$ and $A_2B_2C_2$.

Note

1. By using the Machine for Questions and Answers, we identify the perspector, e.g., as the Isotomic Conjugate of the Arctan(2) Kiepert Point.

The Outer Grebe Triangle is perspective with the Anticevian Triangle of the Circumcenter.

The Outer Grebe Triangle is perspective with the Tangential Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter.

The Outer Grebe Triangle is perspective with the Pedal Triangle of the Orthocenter.

The Outer Grebe Triangle is perspective with the Antipedal Triangle of the Circumcenter.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter.

The Outer Grebe Triangle is perspective with the Antipedal Triangle of the Inner Kenmotu Point.

The Outer Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter.

The Outer Grebe Triangle is perspective with the Circumcevian Triangle of the Symmedian Point.

The Outer Grebe Triangle is homothetic to the Euler Triangle.

The Outer Grebe Triangle is perspective with the Reflection Triangle.

The Outer Grebe Triangle is perspective with the Second Brocard Triangle.

The Outer Grebe Triangle is homothetic to the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Medial Triangle of the Medial Triangle.

The Outer Grebe Triangle is perspective with the Medial Triangle of the Orthic Triangle.

The Outer Grebe Triangle is perspective with the Medial Triangle of the Symmedial Triangle.

The Outer Grebe Triangle is homothetic to the Orthic Triangle of the Intouch Triangle.

The Outer Grebe Triangle is homothetic to the Euler Triangle of the Medial Triangle.

The Outer Grebe Triangle is homothetic to the Johnson Triangle of the Medial Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Medial Triangle.

The Outer Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Medial Triangle.

The Outer Grebe Triangle is homothetic to the Intangents Triangle of the Intouch Triangle.

The Outer Grebe Triangle is homothetic to the Extangents Triangle of the Intouch Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Medial Triangle.

The Outer Grebe Triangle is perspective with the Pedal Triangle of the de Longchamps Point of the Medial Triangle.

The Outer Grebe Triangle is perspective with the Pedal Triangle of the Circumcenter of the Orthic Triangle.

The Outer Grebe Triangle is perspective with the Pedal Triangle of the Circumcenter of the Symmedial Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Orthocenter of the Intouch Triangle.

The Outer Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Medial Triangle.

The Outer Grebe Triangle is homothetic to the Circum-Orthic Triangle of the Intouch Triangle.

The Outer Grebe Triangle is perspective with the Anticevian Triangle of the Nine-Point Center of the Excentral Triangle.

The Outer Grebe Triangle is homothetic to the Tangential Triangle of the Excentral Triangle.

The Outer Grebe Triangle is homothetic to the Anticomplementary Triangle of the Anticomplementary Triangle.

The Outer Grebe Triangle is perspective with the Anticevian Triangle of the Brocard Midpoint of the Anticomplementary Triangle.

The Outer Grebe Triangle is perspective with the Anticevian Triangle of the Malfatti-Moses Point of the Anticomplementary Triangle.

The Outer Grebe Triangle is perspective with the Anticomplementary Triangle of the Tangential Triangle.

The Outer Grebe Triangle is perspective with the Cevian Triangle of the Malfatti-Moses Point of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Circumcenter of the Excentral Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the Anticomplementary Triangle.

The Outer Grebe Triangle is perspective with the Antipedal Triangle of the Orthocenter of the Tangential Triangle.

The Outer Grebe Triangle is homothetic to the Circum-Orthic Triangle of the Excentral Triangle.

The Outer Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Anticomplementary Triangle.

The Outer Grebe Triangle is perspective with the Circumcevian Triangle of the Malfatti-Moses Point of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Intangents Triangle of the Excentral Triangle.

The Outer Grebe Triangle is homothetic to the Extangents Triangle of the Excentral

Triangle.

The Outer Grebe Triangle is homothetic to the Euler Triangle of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Johnson Triangle of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Anticomplementary Triangle.

The Outer Grebe Triangle is perspective with the Outer Vecten Triangle of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Orthic Triangle of the Circum-Incentral Triangle.

The Outer Grebe Triangle is homothetic to the Tangential Triangle of the Circum-Incentral Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Orthocenter of the Circum-Incentral Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Circumcenter of the Circum-Incentral Triangle.

The Outer Grebe Triangle is homothetic to the Intangents Triangle of the Circum-Incentral Triangle.

The Outer Grebe Triangle is homothetic to the Extangents Triangle of the Circum-Incentral Triangle.

The Outer Grebe Triangle is homothetic to the Medial Triangle of the Euler Triangle.

The Outer Grebe Triangle is homothetic to the Orthic Triangle of the Yff Central Triangle.

The Outer Grebe Triangle is perspective with the Intouch Triangle of the Lucas Central Triangle.

The Outer Grebe Triangle is homothetic to the Orthic Triangle of the Hexyl Triangle.

The Outer Grebe Triangle is homothetic to the Medial Triangle of the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Medial Triangle of the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Medial Triangle of the Outer Johnson-Yff

Triangle.

The Outer Grebe Triangle is homothetic to the Anticomplementary Triangle of the Euler Triangle.

The Outer Grebe Triangle is homothetic to the Tangential Triangle of the Yff Central Triangle.

The Outer Grebe Triangle is homothetic to the Tangential Triangle of the Hexyl Triangle.

The Outer Grebe Triangle is homothetic to the Anticomplementary Triangle of the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Anticomplementary Triangle of the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Anticomplementary Triangle of the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Euler Triangle of the Euler Triangle.

The Outer Grebe Triangle is homothetic to the Johnson Triangle of the Euler Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Euler Triangle.

The Outer Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Euler Triangle.

The Outer Grebe Triangle is homothetic to the First Brocard Triangle of the First Brocard Triangle.

The Outer Grebe Triangle is homothetic to the Intangents Triangle of the Yff Central Triangle.

The Outer Grebe Triangle is homothetic to the Malfatti Squares Triangle of the Malfatti Squares Triangle.

The Outer Grebe Triangle is homothetic to the Intangents Triangle of the Hexyl Triangle.

The Outer Grebe Triangle is homothetic to the Extangents Triangle of the Hexyl Triangle.

The Outer Grebe Triangle is homothetic to the Euler Triangle of the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Euler Triangle of the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Johnson Triangle of the Inner Johnson-Yff Triangle.

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The Outer Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Euler Triangle of the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Johnson Triangle of the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Euler Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Orthocenter of the Yff Central Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Symmedian Point of the Malfatti Squares Triangle.

The Outer Grebe Triangle is perspective with the Pedal Triangle of the Incenter of the Lucas Central Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Orthocenter of the Hexyl Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the

Euler Triangle.

The Outer Grebe Triangle is perspective with the Antipedal Triangle of the Symmedian Point of the Fourth Brocard Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Circumcenter of the Yff Central Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Centroid of the Malfatti Squares Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Circumcenter of the Hexyl Triangle.

The Outer Grebe Triangle is perspective with the Antipedal Triangle of the Outer Vecten Point of the Hexyl Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Euler Triangle.

The Outer Grebe Triangle is perspective with the Circum-Orthic Triangle of the Euler Triangle.

The Outer Grebe Triangle is perspective with the Circum-Medial Triangle of the First Brocard Triangle.

The Outer Grebe Triangle is perspective with the Circumcevian Triangle of the Symmedian Point of the Fourth Brocard Triangle.

The Outer Grebe Triangle is homothetic to the Circum-Orthic Triangle of the Yff Central Triangle.

The Outer Grebe Triangle is homothetic to the Circum-Orthic Triangle of the Hexyl Triangle.

The Outer Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Inner Brocard Triangle of the First Brocard Triangle.

The Outer Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Incenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Circumcenter.

The Outer Grebe Triangle is homothetic to the Triangle of the First Feuerbach Points of the Triangulation Triangles of the Circumcenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Kiepert Centers of the Triangulation Triangles of the Circumcenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Triangulation Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Triangle of the de Longchamps Points of the Triangulation Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Centers of the Orthocentroidal Circles of the Triangulation Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Centers of the Taylor Circles of the Triangulation Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Skordev Points of the Triangulation Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Nine-Point Center.

The Outer Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Incenter.

The Outer Grebe Triangle is perspective with the Stevanovic Triangle of the Prasolov Points of the Triangulation triangles of the Incenter.

The Outer Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the

Triangulation triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Orthocenter.

The Outer Grebe Triangle is perspective with the Stevanovic Triangle of the Orthocenters of the Triangulation triangles of the Orthocenter.

The Outer Grebe Triangle is perspective with the Stevanovic Triangle of the Second Isodynamic Points of the Triangulation triangles of the Outer Fermat Point.

The Outer Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Inner Fermat Point.

The Outer Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the First Isodynamic Point.

The Outer Grebe Triangle is homothetic to the Triangle of the Incenters of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is perspective with the Triangle of the Centroids of the Corner Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Corner Triangles of the Orthocenter.

The Outer Grebe Triangle is perspective with the Triangle of the Centroids of the Corner Triangles of the Symmedian Point.

The Outer Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Corner Triangles of the Gergonne Point.

The Outer Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Corner Triangles of the Nagel Point.

The Outer Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Corner Triangles of the de Longchamps Point.

The Outer Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Incenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Circumcenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Symmedian Point.

The Outer Grebe Triangle is homothetic to the Triangle of the First Feuerbach Points of the Anticevian Corner Triangles of the Symmedian Point.

The Outer Grebe Triangle is homothetic to the Triangle of the Kiepert Centers of the Anticevian Corner Triangles of the Symmedian Point.

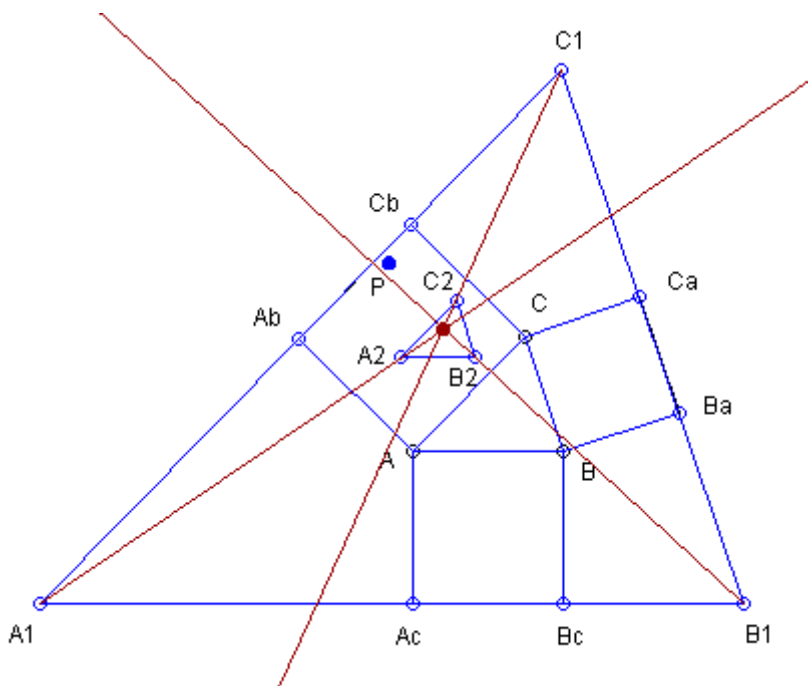
The Outer Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Mittenpunkt.

The Outer Grebe Triangle is homothetic to the Triangle of the reflections of the Nine-Point Center in the sides of the Medial Triangle.

The Outer Grebe Triangle is homothetic to the Triangle of the reflections of the Orthocenter in the sides of the Orthic Triangle.

For any Triangle Center, the Outer Grebe Triangle is homothetic to the Euler Triangle of the Triangle Center.

See the Figure:



$A_1B_1C_1$ - Outer Grebe Triangle;

P - Triangle Center;

$A_2B_2C_2$ - Euler Triangle of P ;

The red point - perspector of triangles $A_1B_1C_1$ and $A_2B_2C_2$.

The Outer Grebe Triangle is homothetic to the Half-Cevian Triangle of the Centroid.

The Outer Grebe Triangle is perspective with the Half-Altitude Triangle.

The Outer Grebe Triangle is perspective with the Half-Cevian Triangle of the Symmedian

Point.

The Outer Grebe Triangle is homothetic to the Grinberg Triangle of the Centroid.

The Outer Grebe Triangle is perspective with the Grinberg Triangle of the Symmedian Point.

The Outer Grebe Triangle is perspective with the Half-Anticevian Triangle of the Circumcenter.

The Outer Grebe Triangle is perspective with the Half-Anticevian Triangle of the Symmedian Point.

The Outer Grebe Triangle is homothetic to the Triangle of the reflections of the Circumcenter in the sides of Triangle ABC.

The Outer Grebe Triangle is homothetic to the Desmic Mate the Euler Triangle.

The Outer Grebe Triangle is homothetic to the Desmic Mate the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Desmic Mate the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Lucas Circles.

The Outer Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Medial Triangle.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Orthic Triangle.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Symmedial Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Anticomplementary Triangle.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Anticevian Triangle of the Circumcenter.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Tangential Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Pedal Triangle of the Circumcenter.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of

the Pedal Triangle of the Orthocenter.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Antipedal Triangle of the Circumcenter.

The Outer Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Antipedal Triangle of the Orthocenter.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Antipedal Triangle of the Inner Kenmott Point.

The Outer Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Circumcevian Triangle of the Circumcenter.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Circumcevian Triangle of the Symmedian Point.

The Outer Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Euler Triangle.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Triangle of the reflections.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Second Brocard Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Johnson Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Inner Johnson-Yff Triangle.

The Outer Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Outer Johnson-Yff Triangle.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Soddy Circles of the Lucas Central Triangle.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Lucas Circles of the Circumcevian Triangle of the Circumcenter.

The Outer Grebe Triangle is perspective with the Inner Johnson Triangle of the Triad of the Incircles of the Triangulation Triangles of the Symmedian Point.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Outer Yff Circles.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Outer Yff Circles.

The Outer Grebe Triangle is perspective with the Outer Moses Triangle of the Lucas Circles of the Circumcevian Triangle of the Circumcenter.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Orthocenter.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Nine-Point Circles of the Triangulation Triangles of the Kiepert Center.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Nine-Point Circles of the Triangulation Triangles of the Kiepert Center.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Congruent Isoscelizers Point.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Congruent Isoscelizers Point.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Center of the Outer Soddy Circle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Center of the Outer Soddy Circle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Outer Soddy Circles of the Triangulation Triangles of the Center of the Inner Soddy Circle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Outer Soddy Circles of the Triangulation Triangles of the Center of the Inner Soddy Circle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Center of the Parry Circle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Center of the Parry Circle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Nine-Point Circles of the Triangulation Triangles of the Outer Kenmotu Point.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Nine-Point Circles of the Triangulation Triangles of the Outer Kenmotu Point.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Nine-Point Circles of the Triangulation Triangles of the First Beltrami Point.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the

Nine-Point Circles of the Triangulation Triangles of the First Beltrami Point.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Incircles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Incircles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Nine-Point Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Nine-Point Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Spieker Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Spieker Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Radical Circles of the Excircles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Radical Circles of the Excircles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Brocard Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Brocard Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Orthocentroidal Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Orthocentroidal Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Parry Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Parry Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Inner Soddy Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Inner Soddy Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Radical Circles of the Lucas Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Radical Circles of the Lucas Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Adams Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Adams Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Moses Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Moses Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Half-Moses Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Half-Moses Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Sine-Triple-Angle Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Sine-Triple-Angle Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Inner Johnson-Yff Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Inner Johnson-Yff Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Outer Johnson-Yff Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Outer Johnson-Yff Circles of the Corner Triangles of the Centroid.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Incircles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Incircles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the

Circumcircles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Nine-Point Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Nine-Point Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Spieker Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Spieker Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Radical Circles of the Excircles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Radical Circles of the Excircles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Brocard Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Brocard Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Orthocentroidal Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Orthocentroidal Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Parry Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Parry Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Outer Soddy Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Outer Soddy Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Inner Soddy Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Inner Soddy Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Radical Circles of the Lucas Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Radical Circles of the Lucas Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Adams Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Adams Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Moses Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Moses Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Half-Moses Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Half-Moses Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Sine-Triple-Angle Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Sine-Triple-Angle Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Inner Johnson-Yff Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Inner Johnson-Yff Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Outer Johnson-Yff Circles of the Corner Triangles of the Anticomplementary Triangle.

The Outer Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Outer Johnson-Yff Circles of the Corner Triangles of the Anticomplementary Triangle.

Inner Grebe Triangle

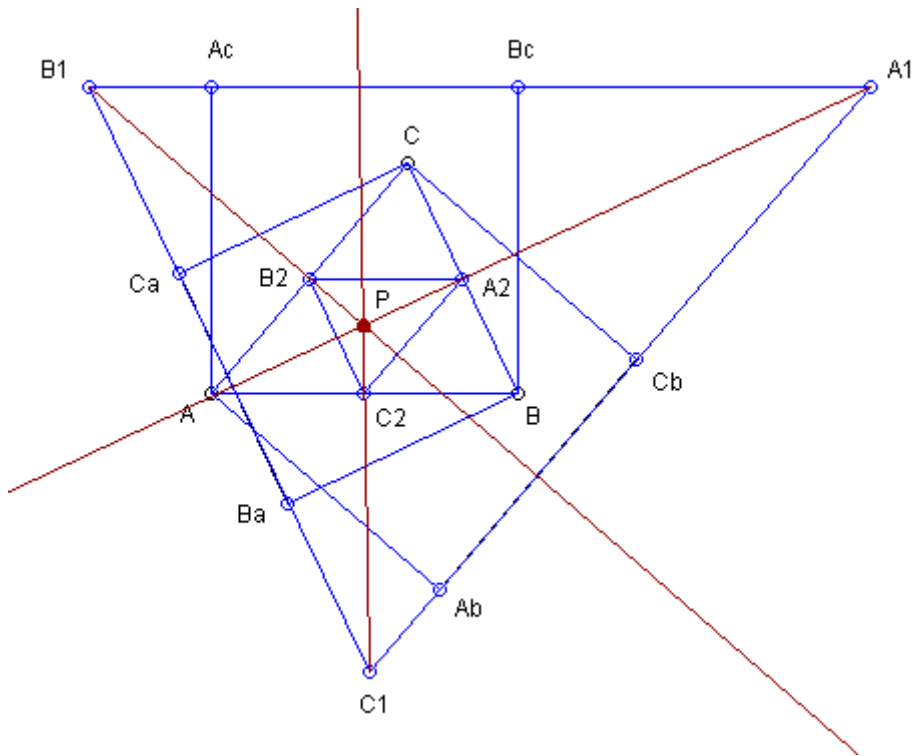
The Machine for Questions and Answers finds examples of perspectors of triangles and

Inner Grebe triangles. A few examples are given below.

The Inner Grebe Triangle is homothetic to Triangle ABC.

The Inner Grebe Triangle is homothetic to the Medial Triangle.

See the Figure:



$A_1B_1C_1$ - Outer Grebe Triangle;

$A_2B_2C_2$ - Medial Triangle;

P - Homothetic Center of triangles $A_1B_1C_1$ and $A_2B_2C_2$.

The Inner Grebe Triangle is perspective with the Orthic Triangle.

The Inner Grebe Triangle is perspective with the Symmedial Triangle.

The Inner Grebe Triangle is homothetic to the Anticomplementary Triangle.

The Inner Grebe Triangle is perspective with the Anticevian Triangle of the Circumcenter.

The Inner Grebe Triangle is perspective with the Tangential Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter.

The Inner Grebe Triangle is perspective with the Pedal Triangle of the Orthocenter.

The Inner Grebe Triangle is perspective with the Antipedal Triangle of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter.

The Inner Grebe Triangle is perspective with the Antipedal Triangle of the Outer Kenmottu Point.

The Inner Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter.

The Inner Grebe Triangle is perspective with the Circumcevian Triangle of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Euler Triangle.

The Inner Grebe Triangle is perspective with the Reflection Triangle.

The Inner Grebe Triangle is perspective with the Second Brocard Triangle.

The Inner Grebe Triangle is homothetic to the Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Medial Triangle of the Medial Triangle.

The Inner Grebe Triangle is perspective with the Medial Triangle of the Orthic Triangle.

The Inner Grebe Triangle is perspective with the Medial Triangle of the Symmedian Triangle.

The Inner Grebe Triangle is homothetic to the Orthic Triangle of the Intouch Triangle.

The Inner Grebe Triangle is homothetic to the Euler Triangle of the Medial Triangle.

The Inner Grebe Triangle is homothetic to the Johnson Triangle of the Medial Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Medial Triangle.

The Inner Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Medial Triangle.

The Inner Grebe Triangle is homothetic to the Intangents Triangle of the Intouch Triangle.

The Inner Grebe Triangle is homothetic to the Extangents Triangle of the Intouch Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Medial Triangle.

The Inner Grebe Triangle is perspective with the Pedal Triangle of the de Longchamps Point

of the Medial Triangle.

The Inner Grebe Triangle is perspective with the Pedal Triangle of the Circumcenter of the Orthic Triangle.

The Inner Grebe Triangle is perspective with the Pedal Triangle of the Circumcenter of the Symmedial Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Orthocenter of the Intouch Triangle.

The Inner Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Medial Triangle.

The Inner Grebe Triangle is homothetic to the Circum-Orthic Triangle of the Intouch Triangle.

The Inner Grebe Triangle is perspective with the Anticevian Triangle of the Nine-Point Center of the Excentral Triangle.

The Inner Grebe Triangle is homothetic to the Tangential Triangle of the Excentral Triangle.

The Inner Grebe Triangle is homothetic to the Anticomplementary Triangle of the Anticomplementary Triangle.

The Inner Grebe Triangle is perspective with the Anticevian Triangle of the Brocard Midpoint of the Anticomplementary Triangle.

The Inner Grebe Triangle is perspective with the Anticomplementary Triangle of the Tangential Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Circumcenter of the Excentral Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the Anticomplementary Triangle.

The Inner Grebe Triangle is perspective with the Antipedal Triangle of the Orthocenter of the Tangential Triangle.

The Inner Grebe Triangle is homothetic to the Circum-Orthic Triangle of the Excentral Triangle.

The Inner Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Intangents Triangle of the Excentral Triangle.

The Inner Grebe Triangle is homothetic to the Extangents Triangle of the Excentral

Triangle.

The Inner Grebe Triangle is homothetic to the Euler Triangle of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Johnson Triangle of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Anticomplementary Triangle.

The Inner Grebe Triangle is perspective with the Inner Vecten Triangle of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Orthic Triangle of the Circum-Incentral Triangle.

The Inner Grebe Triangle is homothetic to the Tangential Triangle of the Circum-Incentral Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Orthocenter of the Circum-Incentral Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Circumcenter of the Circum-Incentral Triangle.

The Inner Grebe Triangle is homothetic to the Intangents Triangle of the Circum-Incentral Triangle.

The Inner Grebe Triangle is homothetic to the Extangents Triangle of the Circum-Incentral Triangle.

The Inner Grebe Triangle is homothetic to the Medial Triangle of the Euler Triangle.

The Inner Grebe Triangle is homothetic to the Orthic Triangle of the Yff Central Triangle.

The Inner Grebe Triangle is homothetic to the Orthic Triangle of the Hexyl Triangle.

The Inner Grebe Triangle is homothetic to the Medial Triangle of the Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Medial Triangle of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Medial Triangle of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Anticomplementary Triangle of the Euler

Triangle.

The Inner Grebe Triangle is homothetic to the Tangential Triangle of the Yff Central Triangle.

The Inner Grebe Triangle is homothetic to the Tangential Triangle of the Hexyl Triangle.

The Inner Grebe Triangle is homothetic to the Anticomplementary Triangle of the Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Anticomplementary Triangle of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Anticomplementary Triangle of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Euler Triangle of the Euler Triangle.

The Inner Grebe Triangle is homothetic to the Johnson Triangle of the Euler Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Euler Triangle.

The Inner Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Euler Triangle.

The Inner Grebe Triangle is homothetic to the First Brocard Triangle of the First Brocard Triangle.

The Inner Grebe Triangle is homothetic to the Intangents Triangle of the Yff Central Triangle.

The Inner Grebe Triangle is homothetic to the Malfatti Squares Triangle of the Malfatti Squares Triangle.

The Inner Grebe Triangle is homothetic to the Intangents Triangle of the Hexyl Triangle.

The Inner Grebe Triangle is homothetic to the Extangents Triangle of the Hexyl Triangle.

The Inner Grebe Triangle is homothetic to the Euler Triangle of the Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Euler Triangle of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Johnson Triangle of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Euler Triangle of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Johnson Triangle of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson-Yff Triangle of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Outer Johnson-Yff Triangle of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Euler Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Orthocenter of the Yff Central Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Symmedian Point of the Malfatti Squares Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Orthocenter of the Hexyl Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Pedal Triangle of the Circumcenter of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the Euler Triangle.

The Inner Grebe Triangle is perspective with the Antipedal Triangle of the Symmedian Point of the Fourth Brocard Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Circumcenter of the

Yff Central Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Centroid of the Malfatti Squares Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Circumcenter of the Hexyl Triangle.

The Inner Grebe Triangle is perspective with the Antipedal Triangle of the Inner Vecten Point of the Hexyl Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Antipedal Triangle of the Orthocenter of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Euler Triangle.

The Inner Grebe Triangle is perspective with the Circum-Orthic Triangle of the Euler Triangle.

The Inner Grebe Triangle is perspective with the Circum-Medial Triangle of the First Brocard Triangle.

The Inner Grebe Triangle is perspective with the Circumcevian Triangle of the Symmedian Point of the Fourth Brocard Triangle.

The Inner Grebe Triangle is homothetic to the Circum-Orthic Triangle of the Yff Central Triangle.

The Inner Grebe Triangle is homothetic to the Circum-Orthic Triangle of the Hexyl Triangle.

The Inner Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Circumcevian Triangle of the Circumcenter of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Inner Brocard Triangle of the First Brocard Triangle.

The Inner Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Incenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Triangle of the First Feuerbach Points of the Triangulation Triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Kiepert Centers of the Triangulation Triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Triangulation Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Triangle of the de Longchamps Points of the Triangulation Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Centers of the Orthocentroidal Circles of the Triangulation Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Centers of the Taylor Circles of the Triangulation Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Skordev Points of the Triangulation Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Centroids of the Triangulation Triangles of the Nine-Point Center.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Incenter.

The Inner Grebe Triangle is perspective with the Stevanovic Triangle of the Prasolov Points of the Triangulation triangles of the Incenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Incenters of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the

Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Circumcenters of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Orthocenters of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Nine-Point Centers of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Symmedian Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Gergonne Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Nagel Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Mittenpunkts of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Spieker Centers of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the First Feuerbach Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Second Feuerbach Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Outer Fermat Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Inner Fermat Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the First Isodynamic Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Second Isodynamic Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Outer Napoleon Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Inner Napoleon Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Clawson Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the de Longchamps Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Schiffler Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Exeter Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Far-Out Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Gibert Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Second Power Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Third Power Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Moses Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Grinberg Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Brocard Midpoints of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Bevan Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the Sine-Triple-Angle Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Kosnita Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Internal Centers of Similitude of the Incircles and the Circumcircles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the External Centers of Similitude of the Incircles and the Circumcircles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Prasolov Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Kiepert Centers of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Congruent Isoscelizers Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Yff Centers of Congruence of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the Outer Soddy Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the Inner Soddy Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the First Ajima-Malfatti Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Apollonius Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the Brocard Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Schoute Centers of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Equal Parallelians Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Weill Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the Fuhrmann Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Inner Kenmotu Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Outer Kenmotu Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the Orthocentroidal Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the

Taylor Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Outer Eppstein Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Inner Eppstein Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Radical Centers of the Malfatti Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Evans Perspectors of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Outer Vecten Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Inner Vecten Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Johnson Midpoints of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Miquel Points of the Incenters of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Fourth Power Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the Apollonius Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the First de Villiers Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Second de Villiers Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the First Malfatti-Rabinowitz Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Second Malfatti-Rabinowitz Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Radical Centers of the Lucas Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the van Lamoen Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the Inner Johnson-Yff Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centers of the Outer Johnson-Yff Circles of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Danneels-Apollonius Prespectors of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Skordev Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Malfatti-Moses Points of the Triangulation triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Orthocenter.

The Inner Grebe Triangle is perspective with the Stevanovic Triangle of the Orthocenters of the Triangulation triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Nine-Point Center.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Gergonne Point.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Nagel Point.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Mittenpunkt.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Spieker Center.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the First Feuerbach Point.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Second Feuerbach Point.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Outer Fermat Point.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Second

Isodynamic Points of the Triangulation triangles of the Outer Fermat Point.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Inner Fermat Point.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the First Isodynamic Point.

The Inner Grebe Triangle is perspective with the Stevanovic Triangle of the Symmedian Points of the Triangulation triangles of the First Isodynamic Point.

The Inner Grebe Triangle is homothetic to the Stevanovic Triangle of the Centroids of the Triangulation triangles of the Second Isodynamic Point.

The Inner Grebe Triangle is perspective with the Stevanovic Triangle of the Symmedian Points of the Triangulation triangles of the Second Isodynamic Point.

The Inner Grebe Triangle is perspective with the Stevanovic Triangle of the Inner Vecten Points of the Triangulation triangles of the Inner Kenmotu Point.

The Inner Grebe Triangle is perspective with the Triangle of the Centroids of the Corner Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Corner Triangles of the Orthocenter.

The Inner Grebe Triangle is perspective with the Triangle of the Centroids of the Corner Triangles of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Corner Triangles of the Gergonne Point.

The Inner Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Corner Triangles of the Nagel Point.

The Inner Grebe Triangle is homothetic to the Triangle of the Circumcenters of the Corner Triangles of the de Longchamps Point.

The Inner Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Incenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Triangle of the First Feuerbach Points of the Anticevian Corner Triangles of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Triangle of the Kiepert Centers of the Anticevian Corner Triangles of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Triangle of the Orthocenters of the Anticevian Corner Triangles of the Mittenpunkt.

The Inner Grebe Triangle is homothetic to the Triangle of the reflections of the Nine-Point Center in the sides of the Medial Triangle.

The Inner Grebe Triangle is homothetic to the Triangle of the reflections of the Orthocenter in the sides of the Orthic Triangle.

For any Triangle Center, the Inner Grebe Triangle is homothetic to the Euler Triangle of the Triangle Center.

The Inner Grebe Triangle is homothetic to the Half-Cevian Triangle of the Centroid.

The Inner Grebe Triangle is perspective with the Half-Altitude Triangle.

The Inner Grebe Triangle is perspective with the Half-Cevian Triangle of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Grinberg Triangle of the Centroid.

The Inner Grebe Triangle is perspective with the Grinberg Triangle of the Symmedian Point.

The Inner Grebe Triangle is perspective with the Half-Anticevian Triangle of the Circumcenter.

The Inner Grebe Triangle is perspective with the Half-Anticevian Triangle of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Triangle of the reflections of the Circumcenter in the sides of Triangle ABC.

The Inner Grebe Triangle is perspective with the Hatzipolakis Triangle of the Centroid.

The Inner Grebe Triangle is perspective with the Hatzipolakis Triangle of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Desmic Mate the Euler Triangle.

The Inner Grebe Triangle is homothetic to the Desmic Mate the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Desmic Mate the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Medial Triangle.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Orthic Triangle.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Symmedial Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Anticomplementary Triangle.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Anticevian Triangle of the Circumcenter.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Tangential Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Pedal Triangle of the Circumcenter.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Pedal Triangle of the Orthocenter.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Antipedal Triangle of the Circumcenter.

The Inner Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Antipedal Triangle of the Orthocenter.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Antipedal Triangle of the Outer Kenmotu Point.

The Inner Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Circumcevian Triangle of the Circumcenter.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Circumcevian Triangle of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Euler Triangle.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Triangle of the reflections.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Excircles of the Second Brocard Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the

Johnson Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Inner Johnson-Yff Triangle.

The Inner Grebe Triangle is homothetic to the Inner Johnson Triangle of the Excircles of the Outer Johnson-Yff Triangle.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Lucas Circles of the Circumcevian Triangle of the Symmedian Point.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Lucas Circles of the Circumcevian Triangle of the Schoute Center.

The Inner Grebe Triangle is perspective with the Inner Johnson Triangle of the Triad of the Incircles of the Triangulation Triangles of the Symmedian Point.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Outer Yff Circles.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Outer Yff Circles.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Orthocenter.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Congruent Isoscelizers Point.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Triangulation Triangles of the Congruent Isoscelizers Point.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Outer Soddy Circles of the Triangulation Triangles of the Center of the Inner Soddy Circle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Outer Soddy Circles of the Triangulation Triangles of the Center of the Inner Soddy Circle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Nine-Point Circles of the Triangulation Triangles of the First Beltrami Point.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Nine-Point Circles of the Triangulation Triangles of the First Beltrami Point.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Incircles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Incircles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Nine-Point Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Nine-Point Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Spieker Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Spieker Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Radical Circles of the Excircles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Radical Circles of the Excircles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Brocard Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Brocard Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Orthocentroidal Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Orthocentroidal Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Parry Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Parry Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Inner Soddy Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Inner Soddy Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Radical Circles of the Lucas Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the

Radical Circles of the Lucas Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Adams Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Adams Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Moses Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Moses Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Half-Moses Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Half-Moses Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Sine-Triple-Angle Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Sine-Triple-Angle Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Inner Johnson-Yff Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Inner Johnson-Yff Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Outer Johnson-Yff Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Outer Johnson-Yff Circles of the Corner Triangles of the Centroid.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Corner Triangles of the Outer Napoleon Point.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Corner Triangles of the Outer Napoleon Point.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Corner Triangles of the Congruent Isoscelizers Point.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Corner Triangles of the Congruent Isoscelizers Point.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Incircles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Incircles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Nine-Point Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Nine-Point Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Spieker Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Spieker Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Radical Circles of the Excircles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Radical Circles of the Excircles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Brocard Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Brocard Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Orthocentroidal Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Orthocentroidal Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Parry Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Parry Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the

Outer Soddy Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Outer Soddy Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Inner Soddy Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Inner Soddy Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Radical Circles of the Lucas Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Radical Circles of the Lucas Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Adams Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Adams Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Moses Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Moses Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Half-Moses Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Half-Moses Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Sine-Triple-Angle Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Sine-Triple-Angle Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Inner Johnson-Yff Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Inner Johnson-Yff Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the

Outer Johnson-Yff Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Outer Johnson-Yff Circles of the Corner Triangles of the Anticomplementary Triangle.

The Inner Grebe Triangle is homothetic to the Inner Moses Triangle of the Triad of the Circumcircles of the Corner Triangles of the Anticevian Triangle of the Clawson Point.

The Inner Grebe Triangle is homothetic to the Outer Moses Triangle of the Triad of the Circumcircles of the Corner Triangles of the Anticevian Triangle of the Clawson Point.

Invitation

The reader is invited to submit a note/paper containing

- synthetic proofs of theorems from this paper,
- or, applications of theorems from this paper,
- or, additional references related to this paper.

Definitions

We use the definitions in accordance with [1 - 6] and papers published in this journal.

The Level

The Machine for Questions and Answers is used to produce results in this paper. Currently the Machine has 6 levels of depths - 0,1,2,3,4,5. We use for this paper the level 0, that is, the Machine produces only elementary results. If we need deeper investigation, we have to use a level bigger than 0. Since the Machine for Questions and Answers produces too many results, it is suitable we to use bigger levels upon request, that is, for specific questions.

Thanks

The figures in this note are produced by using the program C.a.R. (Compass and Ruler), an amazing program created by Rene Grothmann. The Grothmann's program is available for download in the Web: [Rene Grothmann's C.a.R.](#). It is free and open source. The reader may verify easily the statements of this paper by using C.a.R. Many thanks to Rene Grothmann for his wonderful program.

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