

Circumcenter

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Abstract. By using the computer program "Machine for Questions and Answers", we find properties of the Circumcenter.

Given a point, the Machine for Questions and Answers produces theorems related to properties of the point. The Machine for Questions and Answers produces theorems related to properties of the Circumcenter:

Circumcenter = Orthocenter of the Medial Triangle.

Circumcenter = Nine-Point Center of the Excentral Triangle.

Circumcenter = Nine-Point Center of the Anticomplementary Triangle.

Circumcenter = Orthocenter of the Pedal Triangle of the Circumcenter.

Circumcenter = Nine-Point Center of the Antipedal Triangle of the Incenter.

Circumcenter = Nine-Point Center of the Antipedal Triangle of the Orthocenter.

Circumcenter = Centroid of the Antipedal Triangle of the Symmedian Point.

Circumcenter = Brocard Midpoint of the Antipedal Triangle of the First Brocard Point.

Circumcenter = Brocard Midpoint of the Antipedal Triangle of the Second Brocard Point.

Circumcenter = de Longchamps Point of the Euler Triangle.

Circumcenter = Tarry Point of the First Brocard Triangle.

Circumcenter = Center of the Outer Soddy Circle of the Lucas Central Triangle.

Circumcenter = Nine-Point Center of the Hexyl Triangle.

Circumcenter = Orthocenter of the Johnson Triangle.

Circumcenter = Inner Napoleon Point of the Outer Fermat Triangle.

Circumcenter = Inner Napoleon Point of the Inner Fermat Triangle.

Circumcenter = Inner Vecten Point of the Outer Vecten Triangle.

Circumcenter = Inner Vecten Point of the Inner Vecten Triangle.

Circumcenter = Tarry Point of the Inner Gallatly-Kiepert Triangle.

For any Triangle Center, the Circumcenter is the Circumcenter of the Circumcevian Triangle of the Triangle Center.

Circumcenter = Inner Lemoine-Kiepert Point of the First Brocard Triangle.

Circumcenter = Inner 36° Kiepert Point of the Outer Pentagon Triangle.

Circumcenter = Inner 36° Kiepert Point of the Inner Pentagon Triangle.

Circumcenter = Inner 22.5° Kiepert Point of the Outer Octagon Triangle.

Circumcenter = Outer 22.5° Kiepert Point of the Inner Octagon Triangle.

Circumcenter = Inner 18° Kiepert Point of the Outer Decagon Triangle.

Circumcenter = Outer 18° Kiepert Point of the Inner Decagon Triangle.

Circumcenter = Inner 15° Kiepert Point of the Outer 15-gon Triangle.

Circumcenter = Outer 15° Kiepert Point of the Inner 15-gon Triangle.

Circumcenter = Inner Lemoine-Kiepert Point of the Inner Gallatly-Kiepert Triangle.

Circumcenter = Center of the Circumcircle.

Circumcenter = Center of the Second Droz-Farny Circle.

Circumcenter = Center of the First Droz-Farny Circle of the Medial Triangle.

Circumcenter = Center of the First Droz-Farny Circle of the Cevian Triangle of the Tarry Point.

Circumcenter = Center of the First Droz-Farny Circle of the Cevian Triangle of the Steiner Point.

Circumcenter = Center of the First Droz-Farny Circle of the Cevian Triangle of the Kiepert-Parry Point.

Circumcenter = Center of the First Droz-Farny Circle of the Cevian Triangle of the Parry Point.

Circumcenter = Center of the Nine-Point Circle of the Excentral Triangle.

Circumcenter = Center of the Nine-Point Circle of the Anticomplementary Triangle.

Circumcenter = Center of the First Droz-Farny Circle of the Pedal Triangle of the Circumcenter.

Circumcenter = Center of the Nine-Point Circle of the Antipedal Triangle of the Incenter.

Circumcenter = Center of the Nine-Point Circle of the Antipedal Triangle of the Orthocenter.

Circumcenter = Center of the Moses Circle of the Antipedal Triangle of the First Brocard Point.

Circumcenter = Center of the Half-Moses Circle of the Antipedal Triangle of the First Brocard Point.

Circumcenter = Center of the Moses Circle of the Antipedal Triangle of the Second Brocard Point.

Circumcenter = Center of the Half-Moses Circle of the Antipedal Triangle of the Second Brocard Point.

Circumcenter = Center of the Outer Soddy Circle of the Lucas Central Triangle.

Circumcenter = Center of the Nine-Point Circle of the Hexyl Triangle.

Circumcenter = Center of the First Droz-Farny Circle of the Johnson Triangle.

Circumcenter = Center of the Outer Apollonius Circle of the Lucas Circles.

Circumcenter = Center of the Inner Apollonius Circle of the Excircles of the Excentral Triangle.

Circumcenter = Center of the Inner Apollonius Circle of the Excircles of the Anticomplementary Triangle.

Circumcenter = Center of the Inner Apollonius Circle of the Excircles of the Antipedal Triangle of the Incenter.

Circumcenter = Center of the Inner Apollonius Circle of the Excircles of the Antipedal Triangle of the Orthocenter.

Circumcenter = Center of the Inner Apollonius Circle of the Excircles of the Hexyl Triangle.

Circumcenter = Center of the Gallatly Circle of the Antipedal Triangle of the First Brocard Point.

Circumcenter = Center of the Gallatly Circle of the Antipedal Triangle of the Second Brocard Point.

Circumcenter = Midpoint between the Orthocenter and the de Longchamps Point.

Circumcenter = Midpoint between the Steiner Point and the Tarry Point.

Circumcenter = Midpoint between the Bevan Point and the Incenter.

Circumcenter = Reflection of the Orthocenter in the Nine-Point Center.

Circumcenter = Reflection of the Fuhrmann Center in the Spieker Center.

Circumcenter = Reflection of the Symmedian Point in the Center of the Brocard Circle.

Circumcenter = Reflection of the Nine-Point Center in the Complement of the Nine-Point Center.

Circumcenter = Reflection of the Orthocenter of the Orthic Triangle in the Center of the Taylor Circle.

Circumcenter = Product of the Centroid and the Circumcenter.

Circumcenter = Product of the Symmedian Point and the Symmedian Point of the Anticomplementary Triangle.

Circumcenter = Miquel Point of the Centroid.

Circumcenter = Inverse of the Incenter in the Outer Soddy Circle of the Lucas Central Triangle.

Circumcenter = Inverse of the Centroid in the Outer Soddy Circle of the Lucas Central Triangle.

Circumcenter = Inverse of the Orthocenter in the Outer Soddy Circle of the Lucas Central Triangle.

Circumcenter = Inverse of the Nine-Point Center in the Outer Soddy Circle of the Lucas Central Triangle.

Circumcenter = Inverse of the Symmedian Point in the Outer Soddy Circle of the Lucas Central Triangle.

Circumcenter = Inverse of the Gergonne Point in the Outer Soddy Circle of the Lucas Central Triangle.

Circumcenter = Inverse of the Nagel Point in the Outer Soddy Circle of the Lucas Central Triangle.

Circumcenter = Internal Center of Similitude of the Circumcircle and the Second Droz-

Farny Circle.

Circumcenter = Internal Center of Similitude of the Bevan Circle and the Hexyl Circle.

Circumcenter = Internal Center of Similitude of the Circumcircle and the First Droz-Farny Circle of the Medial Triangle.

Circumcenter = Internal Center of Similitude of the Second Droz-Farny Circle and the First Droz-Farny Circle of the Medial Triangle.

Circumcenter = External Center of Similitude of the Circumcircle and the Second Droz-Farny Circle.

Circumcenter = External Center of Similitude of the Cosine Circle and the Radical Circle of the Lucas Circles.

Circumcenter = External Center of Similitude of the Circumcircle and the First Droz-Farny Circle of the Medial Triangle.

Circumcenter = External Center of Similitude of the Nine-Point Circle and the Nine-Point Circle of the Medial Triangle.

Circumcenter = External Center of Similitude of the Spieker Circle and the Inner Johnson-Yff Circle of the Medial Triangle.

Circumcenter = External Center of Similitude of the Spieker Circle and the Outer Johnson-Yff Circle of the Medial Triangle.

Circumcenter = External Center of Similitude of the First Droz-Farny Circle and the Second Droz-Farny Circle of the Medial Triangle.

Circumcenter = External Center of Similitude of the Second Droz-Farny Circle and the First Droz-Farny Circle of the Medial Triangle.

Circumcenter = Radical Center of the Triad of the Circumcircles of the Triangulation Triangles of the Circumcenter.

Circumcenter = Radical Center of the Triad of the Second Droz-Farny Circles of the Triangulation Triangles of the Orthocenter.

Circumcenter = Radical Center of the Triad of the Parry Circles of the Triangulation Triangles of the Tarry Point.

Circumcenter = Radical Center of the Triad of the Stevanovic Circles of the Triangulation Triangles of the Tarry Point.

Circumcenter = Radical Center of the Triad of the Parry Circles of the Triangulation Triangles of the Steiner Point.

Circumcenter = Radical Center of the Triad of the Stevanovic Circles of the Triangulation

Triangles of the Steiner Point.

Circumcenter = Radical Center of the Triad of the Parry Circles of the Triangulation
Triangles of the Kiepert-Parry Point.

Circumcenter = Radical Center of the Triad of the Stevanovic Circles of the Triangulation
Triangles of the Kiepert-Parry Point.

Circumcenter = Radical Center of the Triad of the Parry Circles of the Triangulation
Triangles of the Parry Point.

Circumcenter = Radical Center of the Triad of the Stevanovic Circles of the Triangulation
Triangles of the Parry Point.

Circumcenter = Radical Center of the Triad of the Outer Soddy Circles of the Triangulation
Triangles of the Center of the Inner Soddy Circle.

Circumcenter = Radical Center of the Triad of the Circumcircles of the Corner Triangles of
the Anticevian Triangle of the Symmedian Point.

Circumcenter = Perspector of the Medial Triangle and the Tangential Triangle.

Circumcenter = Perspector of the Cevian Triangle of the Circumcenter and the Anticevian
Triangle of the Circumcenter.

Circumcenter = Perspector of the Cevian Triangle of the Schiffler Point and the Excentral
Triangle.

Circumcenter = Perspector of the Medial Triangle and the Antipedal Triangle of the
Circumcenter.

Circumcenter = Perspector of the Cevian Triangle of the Schiffler Point and the Antipedal
Triangle of the Incenter.

Circumcenter = Perspector of the Medial Triangle and the Circum-Incentral Triangle.

Circumcenter = Perspector of the Cevian Triangle of the Circumcenter and the
Circumcevian Triangle of the Circumcenter.

Circumcenter = Perspector of the Medial Triangle and the Fuhrmann Triangle.

Circumcenter = Perspector of the Medial Triangle and the First Brocard Triangle.

Circumcenter = Perspector of the Medial Triangle and the Neuberg Triangle.

Circumcenter = Perspector of the Medial Triangle and the Reflected Neuberg Triangle.

Circumcenter = Homothetic Center of the Medial Triangle and the Johnson Triangle.

Circumcenter = Perspector of the Cevian Triangle of the Circumcenter and the Lucas

Central Triangle.

Circumcenter = Perspector of the Cevian Triangle of the Nine-Point Center and the Reflection Triangle.

Circumcenter = Perspector of the Cevian Triangle of the Schiffler Point and the Hexyl Triangle.

Circumcenter = Perspector of the Tangential Triangle and the Pedal Triangle of the Circumcenter.

Circumcenter = Perspector of the Anticevian Triangle of the Circumcenter and the Circumcevian Triangle of the Circumcenter.

Circumcenter = Perspector of the Tangential Triangle and the Circum-Incentral Triangle.

Circumcenter = Homothetic Center of the Excentral Triangle and the Hexyl Triangle.

Circumcenter = Perspector of the Anticevian Triangle of the Circumcenter and the Lucas Central Triangle.

Circumcenter = Perspector of the Tangential Triangle and the Fuhrmann Triangle.

Circumcenter = Perspector of the Tangential Triangle and the First Brocard Triangle.

Circumcenter = Perspector of the Tangential Triangle and the Neuberg Triangle.

Circumcenter = Perspector of the Tangential Triangle and the Reflected Neuberg Triangle.

Circumcenter = Perspector of the Tangential Triangle and the Johnson Triangle.

For any Kiepert Triangle, the Circumcenter is the Perspector of the Tangential Triangle and the Kiepert Triangle.

Circumcenter = Perspector of the Pedal Triangle of the Circumcenter and the Antipedal Triangle of the Circumcenter.

Circumcenter = Perspector of the Pedal Triangle of the Circumcenter and the Circum-Incentral Triangle.

Circumcenter = Perspector of the Pedal Triangle of the Circumcenter and the Fuhrmann Triangle.

Circumcenter = Perspector of the Pedal Triangle of the Circumcenter and the First Brocard Triangle.

Circumcenter = Perspector of the Pedal Triangle of the Circumcenter and the Neuberg Triangle.

Circumcenter = Perspector of the Pedal Triangle of the Circumcenter and the Reflected

Neuberg Triangle.

Circumcenter = Homothetic Center of the Pedal Triangle of the Circumcenter and the Johnson Triangle.

Circumcenter = Perspector of the Antipedal Triangle of the Circumcenter and the Circum-Incentral Triangle.

Circumcenter = Homothetic Center of the Antipedal Triangle of the Incenter and the Hexyl Triangle.

Circumcenter = Perspector of the Antipedal Triangle of the Circumcenter and the Fuhrmann Triangle.

Circumcenter = Perspector of the Antipedal Triangle of the Circumcenter and the First Brocard Triangle.

Circumcenter = Perspector of the Antipedal Triangle of the Circumcenter and the Neuberg Triangle.

Circumcenter = Perspector of the Antipedal Triangle of the Circumcenter and the Reflected Neuberg Triangle.

Circumcenter = Perspector of the Antipedal Triangle of the Circumcenter and the Johnson Triangle.

For any Kiepert Triangle, the Circumcenter is the Perspector of the Antipedal Triangle of the Circumcenter and the Kiepert Triangle.

Circumcenter = Perspector of the Circum-Incentral Triangle and the Fuhrmann Triangle.

Circumcenter = Perspector of the Circum-Incentral Triangle and the First Brocard Triangle.

Circumcenter = Perspector of the Circum-Incentral Triangle and the Neuberg Triangle.

Circumcenter = Perspector of the Circum-Incentral Triangle and the Reflected Neuberg Triangle.

Circumcenter = Perspector of the Circum-Incentral Triangle and the Johnson Triangle.

Circumcenter = Perspector of the Circumcevian Triangle of the Circumcenter and the Lucas Central Triangle.

Circumcenter = Perspector of the Circumcevian Triangle of the External Center of Similitude of the Incircle and the Circumcircle and the Mixtilinear Triangle.

Circumcenter = Perspector of the Fuhrmann Triangle and the First Brocard Triangle.

Circumcenter = Perspector of the Fuhrmann Triangle and the Neuberg Triangle.

Circumcenter = Perspector of the Fuhrmann Triangle and the Reflected Neuberg Triangle.

Circumcenter = Perspector of the Fuhrmann Triangle and the Johnson Triangle.

Circumcenter = Perspector of the First Brocard Triangle and the Fuhrmann Triangle.

Circumcenter = Perspector of the First Brocard Triangle and the Neuberg Triangle.

Circumcenter = Perspector of the First Brocard Triangle and the Reflected Neuberg Triangle.

Circumcenter = Perspector of the First Brocard Triangle and the Johnson Triangle.

Circumcenter = Perspector of the Neuberg Triangle and the Fuhrmann Triangle.

Circumcenter = Perspector of the Neuberg Triangle and the First Brocard Triangle.

Circumcenter = Perspector of the Neuberg Triangle and the Reflected Neuberg Triangle.

Circumcenter = Perspector of the Neuberg Triangle and the Johnson Triangle.

Circumcenter = Perspector of the Reflected Neuberg Triangle and the Fuhrmann Triangle.

Circumcenter = Perspector of the Reflected Neuberg Triangle and the First Brocard Triangle.

Circumcenter = Perspector of the Reflected Neuberg Triangle and the Neuberg Triangle.

Circumcenter = Perspector of the Reflected Neuberg Triangle and the Johnson Triangle.

Circumcenter = Perspector of the Johnson Triangle and the Fuhrmann Triangle.

Circumcenter = Perspector of the Johnson Triangle and the First Brocard Triangle.

Circumcenter = Perspector of the Johnson Triangle and the Neuberg Triangle.

Circumcenter = Perspector of the Johnson Triangle and the Reflected Neuberg Triangle.

Circumcenter = Homothetic Center of Triangle ABC and the Triangle of the Centroids of the Triangulation Triangles of the de Longchamps Point.

Circumcenter = Homothetic Center of Triangle ABC and the Triangle of the Circumcenters of the Corner Triangles of the Centroid.

Circumcenter = Perspector of Triangle ABC and the Triangle of the Orthocenters of the Corner Triangles of the Orthocenter.

Circumcenter = Homothetic Center of Triangle ABC and the Triangle of the Orthocenters of

the Anticevian Corner Triangles of the Centroid.

Circumcenter = Homothetic Center of Triangle ABC and the Triangle of the reflections of the Nine-Point Center in the sides of the Medial Triangle.

Circumcenter = Perspector of Triangle ABC and the Triangle of the reflections of the Circumcenter in the sides of the Orthic Triangle.

Circumcenter = Perspector of Triangle ABC and the Triangle of the reflections of the Orthocenter in the sides of the Excentral Triangle.

Circumcenter = Homothetic Center of Triangle ABC and the Triangle of the reflections of the Circumcenter in the sides of the Tangential Triangle.

Circumcenter = Homothetic Center of Triangle ABC and the Triangle of the reflections of the Orthocenter in the vertices of the Medial Triangle.

Circumcenter = Perspector of Triangle ABC and the Triangle of the reflections of the Circumcenter in the vertices of the Cevian Triangle of the Circumcenter.

Circumcenter = Perspector of Triangle ABC and the Triangle of the reflections of the Circumcenter in the vertices of the Anticevian Triangle of the Circumcenter.

Circumcenter = Perspector of Triangle ABC and the Triangle of the reflections of the vertices of the Cevian Triangle of the Circumcenter in the Circumcenter.

Circumcenter = Perspector of Triangle ABC and the Triangle of the reflections of the vertices of the Orthic Triangle in the Center of the Taylor Circle.

Circumcenter = Homothetic Center of Triangle ABC and the Triangle of the reflections of the vertices of the Anticomplementary Triangle in the Nine-Point Center.

Circumcenter = Perspector of Triangle ABC and the Triangle of the reflections of the vertices of the Anticevian Triangle of the Circumcenter in the Circumcenter.

Circumcenter = Perspector of Triangle ABC and the Triangle of the reflections of the vertices of the Anticevian Triangle of the Nine-Point Center in the Center of the Taylor Circle.

Circumcenter = Perspector of Triangle ABC and the Outer Apollonius Triangle of the Lucas Circles of the Cevian Triangle of the Circumcenter.

Circumcenter = Perspector of Triangle ABC and the Outer Apollonius Triangle of the Lucas Circles of the Anticevian Triangle of the Circumcenter.

Circumcenter = Homothetic Center of Triangle ABC and the Outer Apollonius Triangle of the Lucas Circles of the Circumcevian Triangle of the Circumcenter.

Circumcenter = Perspector of Triangle ABC and the Outer Apollonius Triangle of the Lucas

Circles of the Lucas Central Triangle.

Circumcenter = Complement of the Orthocenter.

Circumcenter = Complement of the Complement of the de Longchamps Point.

Circumcenter = Isogonal Conjugate of the Complement of the de Longchamps Point.

Circumcenter = Anticomplement of the Nine-Point Center.

Circumcenter = Isogonal Conjugate of the Anticomplement of the Circumcenter.

Circumcenter = Isogonal Conjugate of the Orthocenter.

Circumcenter = Complement of the Isogonal Conjugate of the Circumcenter.

Circumcenter = Anticomplement of the Isogonal Conjugate of the Kosnita Point.

Circumcenter = Complement of the Cyclocevian Conjugate of the Centroid.

Circumcenter = Isogonal Conjugate of the Cyclocevian Conjugate of the Centroid.

Circumcenter = Complement of the de Longchamps Point of the Medial Triangle.

Circumcenter = Anticomplement of the Circumcenter of the Orthic Triangle.

Circumcenter = Isogonal Conjugate of the Anticomplement of the Orthocenter of the Medial Triangle.

Circumcenter = Isogonal Conjugate of the de Longchamps Point of the Medial Triangle.

Circumcenter = Complement of the Isogonal Conjugate of the Orthocenter of the Medial Triangle.

The Circumcenter lies on the Brocard Circle.

The Circumcenter lies on the Orthocentroidal Circle of the Medial Triangle.

The Circumcenter lies on the Hexyl Circle of the Orthic Triangle.

The Circumcenter lies on the Bevan Circle of the Tangential Triangle.

The Circumcenter lies on the Orthocentroidal Circle of the Pedal Triangle of the Circumcenter.

The Circumcenter lies on the Hexyl Circle of the Pedal Triangle of the Orthocenter.

The Circumcenter lies on the Bevan Circle of the Antipedal Triangle of the Circumcenter.

The Circumcenter lies on the Orthocentroidal Circle of the Antipedal Triangle of the Symmedian Point.

The Circumcenter lies on the Parry Circle of the Antipedal Triangle of the Symmedian Point.

The Circumcenter lies on the Moses Circle of the Antipedal Triangle of the First Beltrami Point.

The Circumcenter lies on the Moses Circle of the Antipedal Triangle of the Second Beltrami Point.

For any Triangle Center, the Circumcenter lies on the Brocard Circle of the Circumcevian Triangle of the Triangle Center.

The Circumcenter lies on the Circumcircle of the First Brocard Triangle.

The Circumcenter lies on the Circumcircle of the Second Brocard Triangle.

The Circumcenter lies on the Outer Soddy Circle of the Lucas Central Triangle.

The Circumcenter lies on the Orthocentroidal Circle of the Johnson Triangle.

The Circumcenter lies on the Circumcircle of the Inner Gallatly-Kiepert Triangle.

The Circumcenter lies on the Outer Apollonius Circle of the Mixtilinear Incircles of the Second Brocard Triangle.

The Circumcenter lies on the Outer Apollonius Circle of the Lucas Circles of the First Brocard Triangle.

The Circumcenter lies on the Outer Apollonius Circle of the Lucas Circles of the Second Brocard Triangle.

The Circumcenter lies on the Outer Apollonius Circle of the Lucas Circles of the Inner Gallatly-Kiepert Triangle.

The Circumcenter lies on the Line through the Incenter and the Weill Point.

The Circumcenter lies on the Line through the Incenter and the Moses Point.

The Circumcenter lies on the Line through the Incenter and the Internal Center of Similitude of the Incircle and the Circumcircle.

The Circumcenter lies on the Line through the Centroid and the Orthocenter.

The Circumcenter lies on the Line through the Centroid and the Nine-Point Center.

The Circumcenter lies on the Line through the Centroid and the de Longchamps Point.

The Circumcenter lies on the Line through the Centroid and the Exeter Point.

The Circumcenter lies on the Line through the Centroid and the Schiffler Point.

The Circumcenter lies on the Line through the Centroid and the Gibert Point.

The Circumcenter lies on the Line through the Centroid and the Skordev Point.

The Circumcenter lies on the Line through the Orthocenter and the de Longchamps Point.

The Circumcenter lies on the Line through the Orthocenter and the Schiffler Point.

The Circumcenter lies on the Line through the Orthocenter and the Skordev Point.

The Circumcenter lies on the Line through the Symmedian Point and the Third Power Point.

The Circumcenter lies on the Line through the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Nine-Point Center and the de Longchamps Point.

The Circumcenter lies on the Line through the Nine-Point Center and the Schiffler Point.

The Circumcenter lies on the Line through the Nine-Point Center and the Skordev Point.

The Circumcenter lies on the Line through the Outer Fermat Point and the Outer Napoleon Point.

The Circumcenter lies on the Line through the Inner Fermat Point and the Inner Napoleon Point.

The Circumcenter lies on the Line through the First Isodynamic Point and the Symmedian Point.

The Circumcenter lies on the Line through the First Isodynamic Point and the Second Isodynamic Point.

The Circumcenter lies on the Line through the First Isodynamic Point and the Third Power Point.

The Circumcenter lies on the Line through the First Isodynamic Point and the Inner Kenmottu Point.

The Circumcenter lies on the Line through the First Isodynamic Point and the Outer Kenmottu Point.

The Circumcenter lies on the Line through the Second Isodynamic Point and the Symmedian Point.

The Circumcenter lies on the Line through the Second Isodynamic Point and the Third

Power Point.

The Circumcenter lies on the Line through the Exeter Point and the Orthocenter.

The Circumcenter lies on the Line through the Exeter Point and the Nine-Point Center.

The Circumcenter lies on the Line through the Exeter Point and the de Longchamps Point.

The Circumcenter lies on the Line through the Exeter Point and the Schiffler Point.

The Circumcenter lies on the Line through the Exeter Point and the Gibert Point.

The Circumcenter lies on the Line through the Exeter Point and the Skordev Point.

The Circumcenter lies on the Line through the Schiffler Point and the de Longchamps Point.

The Circumcenter lies on the Line through the Schiffler Point and the Skordev Point.

The Circumcenter lies on the Line through the Gibert Point and the Orthocenter.

The Circumcenter lies on the Line through the Gibert Point and the Nine-Point Center.

The Circumcenter lies on the Line through the Gibert Point and the de Longchamps Point.

The Circumcenter lies on the Line through the Gibert Point and the Schiffler Point.

The Circumcenter lies on the Line through the Gibert Point and the Skordev Point.

The Circumcenter lies on the Line through the Moses Point and the Weill Point.

The Circumcenter lies on the Line through the Brocard Midpoint and the Symmedian Point.

The Circumcenter lies on the Line through the Brocard Midpoint and the First Isodynamic Point.

The Circumcenter lies on the Line through the Brocard Midpoint and the Second Isodynamic Point.

The Circumcenter lies on the Line through the Brocard Midpoint and the Third Power Point.

The Circumcenter lies on the Line through the Brocard Midpoint and the Inner Kenmotu Point.

The Circumcenter lies on the Line through the Brocard Midpoint and the Outer Kenmotu Point.

The Circumcenter lies on the Line through the Brocard Midpoint and the Danneels-Apollonius Prespector.

The Circumcenter lies on the Line through the Steiner Point and the Tarry Point.

The Circumcenter lies on the Line through the Fuhrmann Center and the Spieker Center.

The Circumcenter lies on the Line through the Inner Kenmotu Point and the Symmedian Point.

The Circumcenter lies on the Line through the Inner Kenmotu Point and the Second Isodynamic Point.

The Circumcenter lies on the Line through the Inner Kenmotu Point and the Third Power Point.

The Circumcenter lies on the Line through the Inner Kenmotu Point and the Outer Kenmotu Point.

The Circumcenter lies on the Line through the Outer Kenmotu Point and the Symmedian Point.

The Circumcenter lies on the Line through the Outer Kenmotu Point and the Second Isodynamic Point.

The Circumcenter lies on the Line through the Outer Kenmotu Point and the Third Power Point.

The Circumcenter lies on the Line through the Evans Perspector and the Incenter.

The Circumcenter lies on the Line through the Evans Perspector and the Weill Point.

The Circumcenter lies on the Line through the Evans Perspector and the Moses Point.

The Circumcenter lies on the Line through the Evans Perspector and the Internal Center of Similitude of the Incircle and the Circumcircle.

The Circumcenter lies on the Line through the Evans Perspector and the External Center of Similitude of the Incircle and the Circumcircle.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the Symmedian Point.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the First Isodynamic Point.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the Second Isodynamic Point.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the Third Power Point.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the

Inner Kenmotu Point.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the Outer Kenmotu Point.

The Circumcenter lies on the Line through the Skordev Point and the de Longchamps Point.

The Circumcenter lies on the Line through the First Beltrami Point and the First Brocard Point.

The Circumcenter lies on the Line through the Second Beltrami Point and the Second Brocard Point.

The Circumcenter lies on the Line through the Incenter and the Orthocenter of the Intouch Triangle.

The Circumcenter lies on the Line through the Incenter and the Inverse of the Incenter in the Circumcircle.

The Circumcenter lies on the Line through the Incenter and the Isogonal Conjugate of the Mittenpunkt.

The Circumcenter lies on the Line through the Centroid and the Circumcenter of the Tangential Triangle.

The Circumcenter lies on the Line through the Centroid and the Far-Out Point.

The Circumcenter lies on the Line through the Centroid and the Inverse of the Orthocenter in the Circumcircle.

The Circumcenter lies on the Line through the Centroid and the Complement of the Nine-Point Center.

The Circumcenter lies on the Line through the Gergonne Point and the Inverse of the Gergonne Point in the Circumcircle.

The Circumcenter lies on the Line through the Mittenpunkt and the Orthocenter of the Extouch Triangle.

The Circumcenter lies on the Line through the First Isodynamic Point and the Orthocenter of the Incidental Triangle.

The Circumcenter lies on the Line through the First Isodynamic Point and the Orthocenter of the Orthic Triangle.

The Circumcenter lies on the Line through the First Isodynamic Point and the Schoute Center.

The Circumcenter lies on the Line through the First Isodynamic Point and the Isogonal

Conjugate of the Spieker Center.

The Circumcenter lies on the Line through the Exeter Point and the Far-Out Point.

The Circumcenter lies on the Line through the Exeter Point and the Inverse of the Orthocenter in the Circumcircle.

The Circumcenter lies on the Line through the Gibert Point and the Inverse of the Orthocenter in the Circumcircle.

The Circumcenter lies on the Line through the Moses Point and the Orthocenter of the Intouch Triangle.

The Circumcenter lies on the Line through the Brocard Midpoint and the Orthocenter of the Incentral Triangle.

The Circumcenter lies on the Line through the Brocard Midpoint and the Orthocenter of the Orthic Triangle.

The Circumcenter lies on the Line through the Brocard Midpoint and the Center of the Apollonius Circle.

The Circumcenter lies on the Line through the Brocard Midpoint and the Center of the Brocard Circle.

The Circumcenter lies on the Line through the Brocard Midpoint and the Center of the Inner Lucas Circle.

The Circumcenter lies on the Line through the Brocard Midpoint and the Center of the Taylor Circle.

The Circumcenter lies on the Line through the Brocard Midpoint and the Schoute Center.

The Circumcenter lies on the Line through the Brocard Midpoint and the Isogonal Conjugate of the Spieker Center.

The Circumcenter lies on the Line through the Internal Center of Similitude of the Incircle and the Circumcircle and the Orthocenter of the Intouch Triangle.

The Circumcenter lies on the Line through the Internal Center of Similitude of the Incircle and the Circumcircle and the Inverse of the Incenter in the Circumcircle.

The Circumcenter lies on the Line through the Internal Center of Similitude of the Incircle and the Circumcircle and the Isogonal Conjugate of the Mittenpunkt.

The Circumcenter lies on the Line through the External Center of Similitude of the Incircle and the Circumcircle and the Orthocenter of the Intouch Triangle.

The Circumcenter lies on the Line through the External Center of Similitude of the Incircle

and the Circumcircle and the Inverse of the Incenter in the Circumcircle.

The Circumcenter lies on the Line through the External Center of Similitude of the Incircle and the Circumcircle and the Isogonal Conjugate of the Mittenpunkt.

The Circumcenter lies on the Line through the Inner Kenmotu Point and the Orthocenter of the Incentral Triangle.

The Circumcenter lies on the Line through the Inner Kenmotu Point and the Orthocenter of the Orthic Triangle.

The Circumcenter lies on the Line through the Inner Kenmotu Point and the Schoute Center.

The Circumcenter lies on the Line through the Inner Kenmotu Point and the Isogonal Conjugate of the Spieker Center.

The Circumcenter lies on the Line through the Outer Kenmotu Point and the Schoute Center.

The Circumcenter lies on the Line through the Evans Perspector and the Orthocenter of the Intouch Triangle.

The Circumcenter lies on the Line through the Evans Perspector and the Inverse of the Incenter in the Circumcircle.

The Circumcenter lies on the Line through the Evans Perspector and the Isogonal Conjugate of the Mittenpunkt.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the Orthocenter of the Incentral Triangle.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the Orthocenter of the Orthic Triangle.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the Schoute Center.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the Isogonal Conjugate of the Spieker Center.

The Circumcenter lies on the Line through the Incenter and the Perspector of the Orthic Triangle and the Excentral Triangle.

The Circumcenter lies on the Line through the Incenter and the Internal Center of Similitude of the Bevan Circle and the Incircle.

The Circumcenter lies on the Line through the Centroid and the Homothetic Center of the Orthic Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Centroid and the Midpoint of the Centroid

and the Nine-Point Center.

The Circumcenter lies on the Line through the Centroid and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the First Isodynamic Point and the Internal Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Exeter Point and the Homothetic Center of the Orthic Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Exeter Point and the Midpoint of the Centroid and the Nine-Point Center.

The Circumcenter lies on the Line through the Exeter Point and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Gibert Point and the Homothetic Center of the Orthic Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Gibert Point and the Midpoint of the Centroid and the Nine-Point Center.

The Circumcenter lies on the Line through the Gibert Point and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Moses Point and the Perspector of the Orthic Triangle and the Excentral Triangle.

The Circumcenter lies on the Line through the Brocard Midpoint and the Internal Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Brocard Midpoint and the External Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Fuhrmann Center and the Perspector of the Extouch Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Fuhrmann Center and the Midpoint of the Circumcenter and the Spieker Center.

The Circumcenter lies on the Line through the Fuhrmann Center and the Internal Center of Similitude of the Circumcircle and the Spieker Circle.

The Circumcenter lies on the Line through the Inner Kenmotu Point and the Internal Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Evans Perspector and the Perspector of the Orthic Triangle and the Excentral Triangle.

The Circumcenter lies on the Line through the Evans Perspector and the Midpoint of the Circumcenter and the Incenter.

The Circumcenter lies on the Line through the Evans Perspector and the Internal Center of Similitude of the Bevan Circle and the Incircle.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the Internal Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Danneels-Apollonius Prespector and the External Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Orthocenter of the Incentral Triangle and the Orthocenter of the Orthic Triangle.

The Circumcenter lies on the Line through the Orthocenter of the Incentral Triangle and the Schoute Center.

The Circumcenter lies on the Line through the Symmedian Point of the Medial Triangle and the Symmedian Point of the Tangential Triangle.

The Circumcenter lies on the Line through the Orthocenter of the Orthic Triangle and the Schoute Center.

The Circumcenter lies on the Line through the Centroid of the Excentral Triangle and the Orthocenter of the Intouch Triangle.

The Circumcenter lies on the Line through the Centroid of the Excentral Triangle and the Inverse of the Incenter in the Circumcircle.

The Circumcenter lies on the Line through the Centroid of the Excentral Triangle and the Isogonal Conjugate of the Mittenpunkt.

The Circumcenter lies on the Line through the Bevan Point and the Orthocenter of the Intouch Triangle.

The Circumcenter lies on the Line through the Bevan Point and the Centroid of the Excentral Triangle.

The Circumcenter lies on the Line through the Bevan Point and the Inverse of the Incenter in the Circumcircle.

The Circumcenter lies on the Line through the Bevan Point and the Isogonal Conjugate of the Mittenpunkt.

The Circumcenter lies on the Line through the Circumcenter of the Tangential Triangle and the Far-Out Point.

The Circumcenter lies on the Line through the Circumcenter of the Tangential Triangle and

the Inverse of the Orthocenter in the Circumcircle.

The Circumcenter lies on the Line through the Circumcenter of the Tangential Triangle and the Complement of the Nine-Point Center.

The Circumcenter lies on the Line through the Inverse of the Incenter in the Circumcircle and the Orthocenter of the Intouch Triangle.

The Circumcenter lies on the Line through the Inverse of the Incenter in the Circumcircle and the Isogonal Conjugate of the Mittenpunkt.

The Circumcenter lies on the Line through the Far-Out Point and the Inverse of the Orthocenter in the Circumcircle.

The Circumcenter lies on the Line through the Complement of the Nine-Point Center and the Far-Out Point.

The Circumcenter lies on the Line through the Complement of the Nine-Point Center and the Inverse of the Orthocenter in the Circumcircle.

The Circumcenter lies on the Line through the Complement of the Mittenpunkt and the Complement of the Spieker Center.

The Circumcenter lies on the Line through the Isogonal Conjugate of the Mittenpunkt and the Orthocenter of the Intouch Triangle.

The Circumcenter lies on the Line through the Isogonal Conjugate of the Spieker Center and the Orthocenter of the Incentral Triangle.

The Circumcenter lies on the Line through the Isogonal Conjugate of the Spieker Center and the Orthocenter of the Orthic Triangle.

The Circumcenter lies on the Line through the Isogonal Conjugate of the Spieker Center and the Schoute Center.

The Circumcenter lies on the Line through the Isotomic Conjugate of the Circumcenter and the Isotomic Conjugate of the Nine-Point Center.

The Circumcenter lies on the Line through the Incenter of the Orthic Triangle and the Perspector of Triangle ABC and the Intouch Triangle of the Orthic Triangle.

The Circumcenter lies on the Line through the Orthocenter of the Intouch Triangle and the Perspector of the Orthic Triangle and the Excentral Triangle.

The Circumcenter lies on the Line through the Centroid of the Excentral Triangle and the Perspector of the Orthic Triangle and the Excentral Triangle.

The Circumcenter lies on the Line through the Centroid of the Excentral Triangle and the Midpoint of the Circumcenter and the Incenter.

The Circumcenter lies on the Line through the Centroid of the Excentral Triangle and the Internal Center of Similitude of the Bevan Circle and the Incircle.

The Circumcenter lies on the Line through the Bevan Point and the Perspector of the Orthic Triangle and the Excentral Triangle.

The Circumcenter lies on the Line through the Bevan Point and the Midpoint of the Circumcenter and the Incenter.

The Circumcenter lies on the Line through the Bevan Point and the Internal Center of Similitude of the Bevan Circle and the Incircle.

The Circumcenter lies on the Line through the Circumcenter of the Tangential Triangle and the Homothetic Center of the Orthic Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Circumcenter of the Tangential Triangle and the Midpoint of the Centroid and the Circumcenter.

The Circumcenter lies on the Line through the Circumcenter of the Tangential Triangle and the Midpoint of the Centroid and the Nine-Point Center.

The Circumcenter lies on the Line through the Circumcenter of the Tangential Triangle and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Center of the Orthocentroidal Circle and the Homothetic Center of the Orthic Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Center of the Orthocentroidal Circle and the Midpoint of the Centroid and the Nine-Point Center.

The Circumcenter lies on the Line through the Center of the Orthocentroidal Circle and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Center of the Inner Lucas Circle and the Internal Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Center of the Inner Lucas Circle and the External Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Center of the Taylor Circle and the Internal Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Center of the Taylor Circle and the External Center of Similitude of the Apollonius Circle and the Circumcircle.

The Circumcenter lies on the Line through the Inverse of the Incenter in the Circumcircle and the Perspector of the Orthic Triangle and the Excentral Triangle.

The Circumcenter lies on the Line through the Inverse of the Incenter in the Circumcircle

and the Midpoint of the Circumcenter and the Incenter.

The Circumcenter lies on the Line through the Far-Out Point and the Homothetic Center of the Orthic Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Far-Out Point and the Midpoint of the Centroid and the Nine-Point Center.

The Circumcenter lies on the Line through the Far-Out Point and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Inverse of the Orthocenter in the Circumcircle and the Midpoint of the Centroid and the Nine-Point Center.

The Circumcenter lies on the Line through the Inverse of the Orthocenter in the Circumcircle and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Inverse of the Gergonne Point in the Circumcircle and the Midpoint of the Circumcenter and the Gergonne Point.

The Circumcenter lies on the Line through the Inverse of the Nagel Point in the Circumcircle and the Midpoint of the Circumcenter and the Nagel Point.

The Circumcenter lies on the Line through the Complement of the Nine-Point Center and the Homothetic Center of the Orthic Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Complement of the Nine-Point Center and the Midpoint of the Centroid and the Circumcenter.

The Circumcenter lies on the Line through the Complement of the Nine-Point Center and the Midpoint of the Centroid and the Nine-Point Center.

The Circumcenter lies on the Line through the Complement of the Nine-Point Center and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Complement of the Mittenpunkt and the Perspector of the Intouch Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Complement of the Mittenpunkt and the Midpoint of the Incenter and the Orthocenter.

The Circumcenter lies on the Line through the Complement of the Mittenpunkt and the Midpoint of the Incenter and the Mittenpunkt.

The Circumcenter lies on the Line through the Complement of the Mittenpunkt and the Midpoint of the Gergonne Point and the Orthocenter.

The Circumcenter lies on the Line through the Complement of the Mittenpunkt and the Midpoint of the Gergonne Point and the Spieker Center.

The Circumcenter lies on the Line through the Complement of the Spieker Center and the Perspector of the Intouch Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Complement of the Spieker Center and the Midpoint of the Incenter and the Orthocenter.

The Circumcenter lies on the Line through the Complement of the Spieker Center and the Midpoint of the Incenter and the Mittenpunkt.

The Circumcenter lies on the Line through the Complement of the Spieker Center and the Midpoint of the Gergonne Point and the Orthocenter.

The Circumcenter lies on the Line through the Complement of the Spieker Center and the Midpoint of the Gergonne Point and the Spieker Center.

The Circumcenter lies on the Line through the Isogonal Conjugate of the Mittenpunkt and the Perspector of the Orthic Triangle and the Excentral Triangle.

The Circumcenter lies on the Line through the Homothetic Center of the Orthic Triangle and the Tangential Triangle and the Midpoint of the Centroid and the Circumcenter.

The Circumcenter lies on the Line through the Homothetic Center of the Orthic Triangle and the Tangential Triangle and the Midpoint of the Centroid and the Nine-Point Center.

The Circumcenter lies on the Line through the Homothetic Center of the Orthic Triangle and the Tangential Triangle and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Midpoint of the Incenter and the Orthocenter and the Perspector of the Intouch Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Midpoint of the Incenter and the Mittenpunkt and the Perspector of the Intouch Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Midpoint of the Incenter and the Mittenpunkt and the Midpoint of the Incenter and the Orthocenter.

The Circumcenter lies on the Line through the Midpoint of the Centroid and the Nine-Point Center and the Midpoint of the Nine-Point Center and the Orthocenter.

The Circumcenter lies on the Line through the Midpoint of the Gergonne Point and the Orthocenter and the Perspector of the Intouch Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Midpoint of the Gergonne Point and the Orthocenter and the Midpoint of the Incenter and the Orthocenter.

The Circumcenter lies on the Line through the Midpoint of the Gergonne Point and the Orthocenter and the Midpoint of the Incenter and the Mittenpunkt.

The Circumcenter lies on the Line through the Midpoint of the Gergonne Point and the

Orthocenter and the Midpoint of the Gergonne Point and the Spieker Center.

The Circumcenter lies on the Line through the Midpoint of the Gergonne Point and the Spieker Center and the Perspector of the Intouch Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the Midpoint of the Gergonne Point and the Spieker Center and the Midpoint of the Incenter and the Orthocenter.

The Circumcenter lies on the Line through the Internal Center of Similitude of the Bevan Circle and the Incircle and the Perspector of the Orthic Triangle and the Excentral Triangle.

The Circumcenter lies on the Line through the Internal Center of Similitude of the Bevan Circle and the Incircle and the Midpoint of the Circumcenter and the Incenter.

The Circumcenter lies on the Line through the Internal Center of Similitude of the Bevan Circle and the Nine-Point Circle and the Midpoint of the Nine-Point Center and the Spieker Center.

The Circumcenter lies on the Line through the External Center of Similitude of the Circumcircle and the Spieker Circle and the Perspector of the Extouch Triangle and the Tangential Triangle.

The Circumcenter lies on the Line through the External Center of Similitude of the Circumcircle and the Spieker Circle and the Midpoint of the Circumcenter and the Spieker Center.

The Circumcenter lies on the Line through the External Center of Similitude of the Circumcircle and the Spieker Circle and the Internal Center of Similitude of the Circumcircle and the Spieker Circle.

The Circumcenter lies on the Line through the External Center of Similitude of the Apollonius Circle and the Circumcircle and the Internal Center of Similitude of the Apollonius Circle and the Circumcircle.

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 and Conventions

We use the definitions and conventions 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.

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