Re: Geometry in Art − Help with magazine article?

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From: James Buddenhagen (*foo_bar_at_texas.net*)
Date: 02/28/05

Date: Mon, 28 Feb 2005 18:57:51 GMT

"The Last Danish Pastry" <clivet@gmail.com> wrote in message
news:388m3lF5jjdd3U1@individual.net...
> "The Last Danish Pastry" <clivet@gmail.com> wrote in message
> news:388fr3F5kueudU1@individual.net...
> > "Scott Brown" <scott@finebooksmagazine.com> wrote in message
> > news:200502242249.j1OMngV30700@proapp.mathforum.org...
> >
> > > sorry about the dividers−compass switch. The article text says dividers.
> > >
> > > Your snub disphenoid idea seems promising. It does bear some resemblance
> > > to one. However, my Oxford dictionary cites the origin of disphenoid to
> > > 1895. The painting dates from the early 1700s. Do you have any idea when
> the
> > > dispenoid was worked out mathematically (perhaps before it got that
> name?)
> >
> > The disphenoids are a class of irregular tetrahedra, probably known since
> > antiquity, under what name I do not know. Their nets are particularly
> simple
> > to make.
> >
> > The snub disphenoid is a member of the class of deltahedra. The term
> > "deltahedron" itself was apparently coined by H Martyn Cundy in 1952. As
> far
> > as I know Cundy did not use the term "snub disphenoid". In fact, he
> remarked
> > that if a name was required for that solid it would presumably have to be
> > the dodecadeltahedron.
> >
> > I suspect that the snub disphenoid has been known for centuries. Its net
> is
> > just a set of equilateral triangles (as are the nets of all the
> deltahedra)