Re: 8" performing like a 12" in angular resolution?

Source: http://sci.tech−archive.net/Archive/sci.astro.amateur/2005−04/msg02958.html

- *From*: Larry G <no.one@xxxxxxxxxxx>
- *Date*: Sat, 30 Apr 2005 00:05:16 −0500

On 29 Apr 2005 20:31:18 −0700, Sidney <fieldphoton99@xxxxxxxxx> wrote:

> http://www.thunderbirdtechnology.com/Other%20Pages/AiryDiscAndAngularResolution.htm
>
> Towards the end of the above site. It is mentioned that
> putting a magnifying glass in front of the primary mirror
> can create better resolution (smaller angular sizes). Is
> their a commercial product that uses this approach? Why
> and why not??
>
> Syd

The link is broken. Error message: "Remote server not found".

Google was kind enough to archive a similar page.
Either the stored copy is incomplete, or the original webpage was
not finished. Either way, the concept is as silly as it is just
plain wrong. Perhaps it is/was an April Fool joke that someone
thought was a particularly clever misuse of mathematics and
optical phenomena.

Rest assured that putting a magnifying glass in front of a telescope will do nothing to improve the telescope's resolution of distant objects. However, it will allow you to focus on small things about one magnifying glass focal length away from
the new aperture.

There are some products which use this concept to convert small
binoculars into cheap stero−microscopes. Check out part number
91476 STEREO MICROSCOPE ADAPT $39.95
on
< http://www.sciplus.com/category.cfm?subsection=21&category=195 >

Cheers,
Larry G.
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