

# Re: shadow of a ball bearing in laser light

---

*Source:* <http://sci.tech-archive.net/Archive/sci.physics/2007-01/msg01643.html>

---

- *From:* "Eric Gisse" <[jowr.pi@xxxxxxxxx](mailto:jowr.pi@xxxxxxxxx)>
  - *Date:* 18 Jan 2007 09:14:13 -0800
- 

WaveMechanic wrote:

"RolandRB" <[rolandberry@xxxxxxxxxxxx](mailto:rolandberry@xxxxxxxxxxxx)> wrote in message  
[news:1169134226.714416.60620@xx](mailto:news:1169134226.714416.60620@xx)

You can see an example of the shadow of a ball bearing in laser light near the bottom of this PDF.

[http://grothserver.princeton.edu/~groth/phys102s02/lectures/lecture\\_07.pdf](http://grothserver.princeton.edu/~groth/phys102s02/lectures/lecture_07.pdf)

Note the bright spot in the centre of the shadow and the rings.

Would this pattern also be obtained if the photons were supposedly sent one at a time?

Roland

Yes. Photons have wavelike properties.

Y'know, Princeton is just about the worst place for understanding physics that there is.

So where did Androcles go to learn physics? Oh, I forgot – he didn't and still doesn't know jack about physics. His entire experience with physics is summed up as getting an MBA and being a manager \_of\_ scientists rather than being a scientist himself.

.