

---

Subject: Re: Huygen's Principle...

Posted by [spnman](#) on Sat, 07 Aug 2004 15:51:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

So how many theoretical physics labs have you worked in, Bill? Never heard of the Fitzmaurice principle, must have missed it in my undergrad days. Geesh, give me a break!"The main principle Huygens is famous for, at least as far as folded horns is concerned, is the topology of a 45 degree reflector, as you state."Huh? Huygens is known for pendulum motion, centrifugal force, gravity and wave motion. He is famous for a lot of things."However, a rounded bend, and not just a rounded bend but one with a rounded inner corner of relatively wide radius compared to the wavelength being passed, ideally allows the wave to pass without being reflected at all."A large bass horn is many wavelengths across at midrange so inside walls are reflectors. Midrange sound bounces all around in there. Get a clue.

---