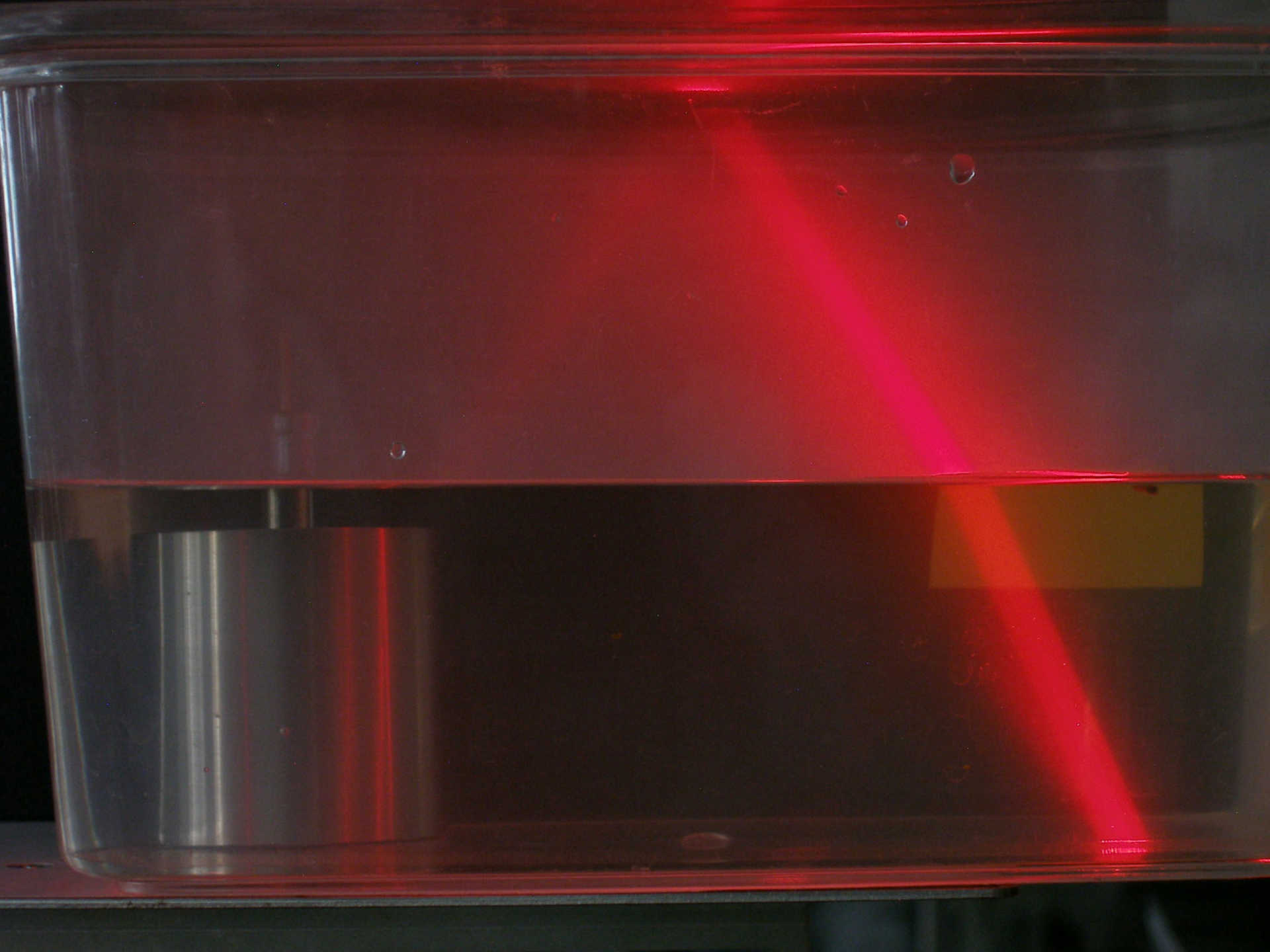


地球内部物理学

2019.12.16

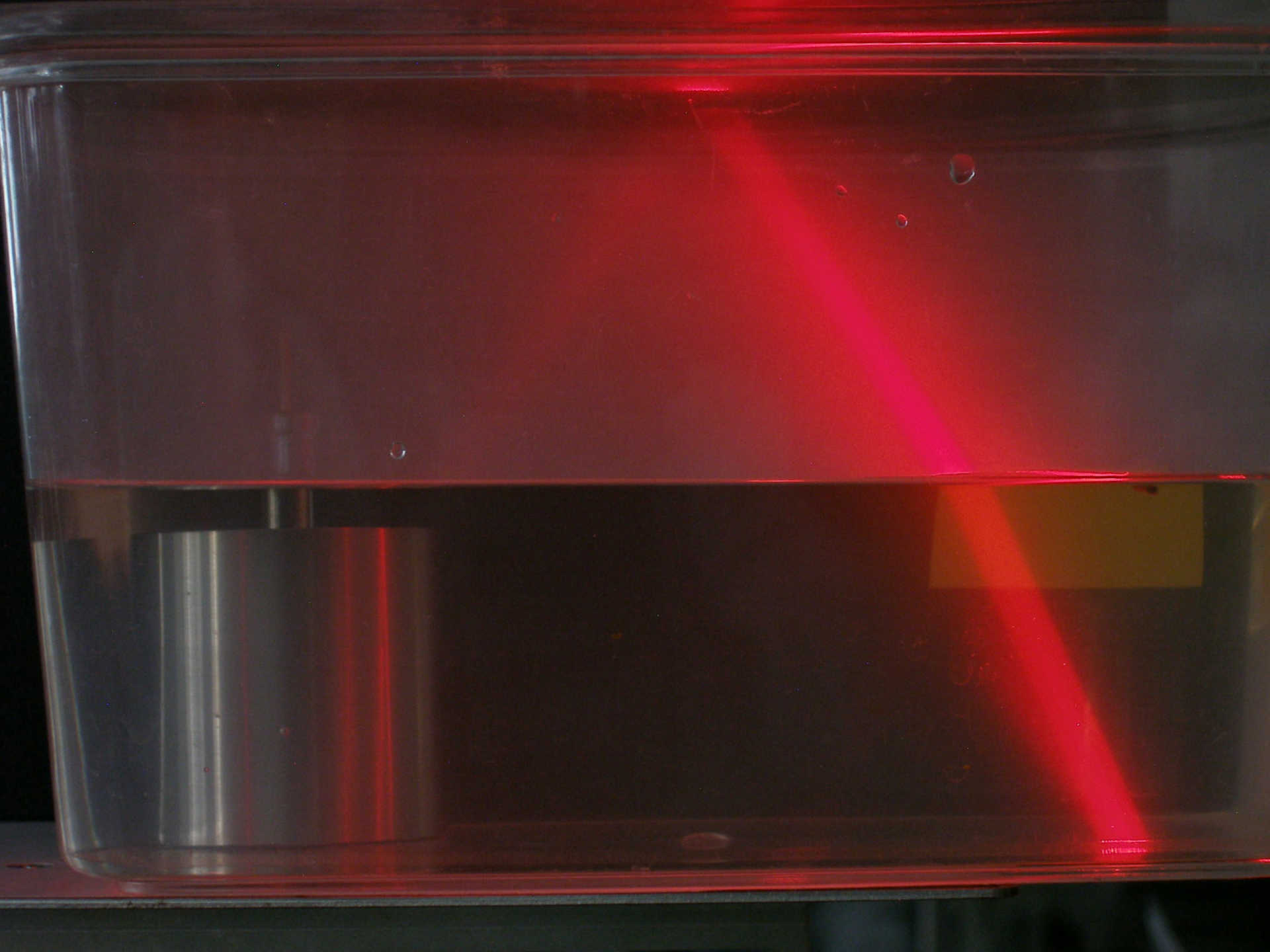


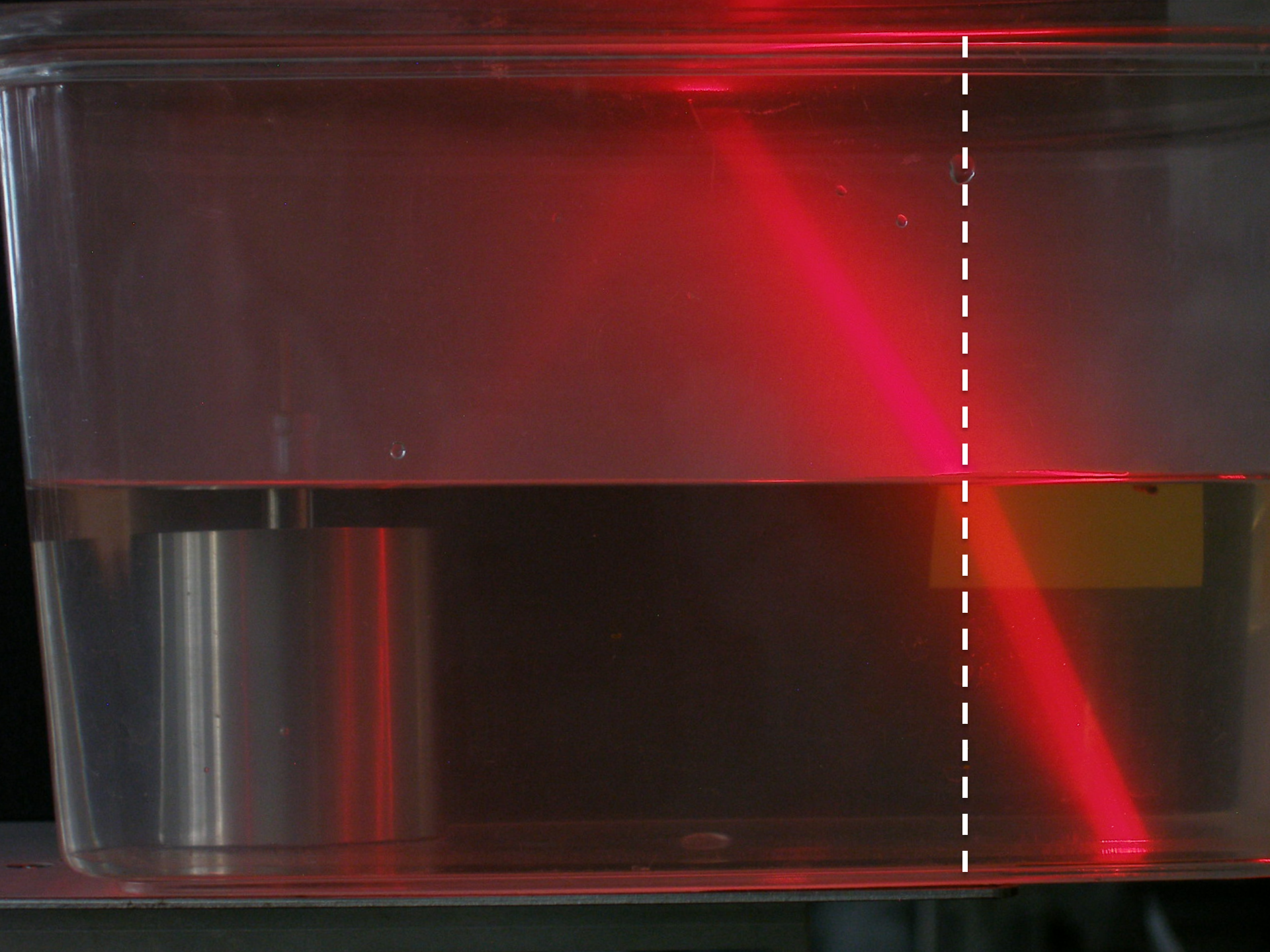


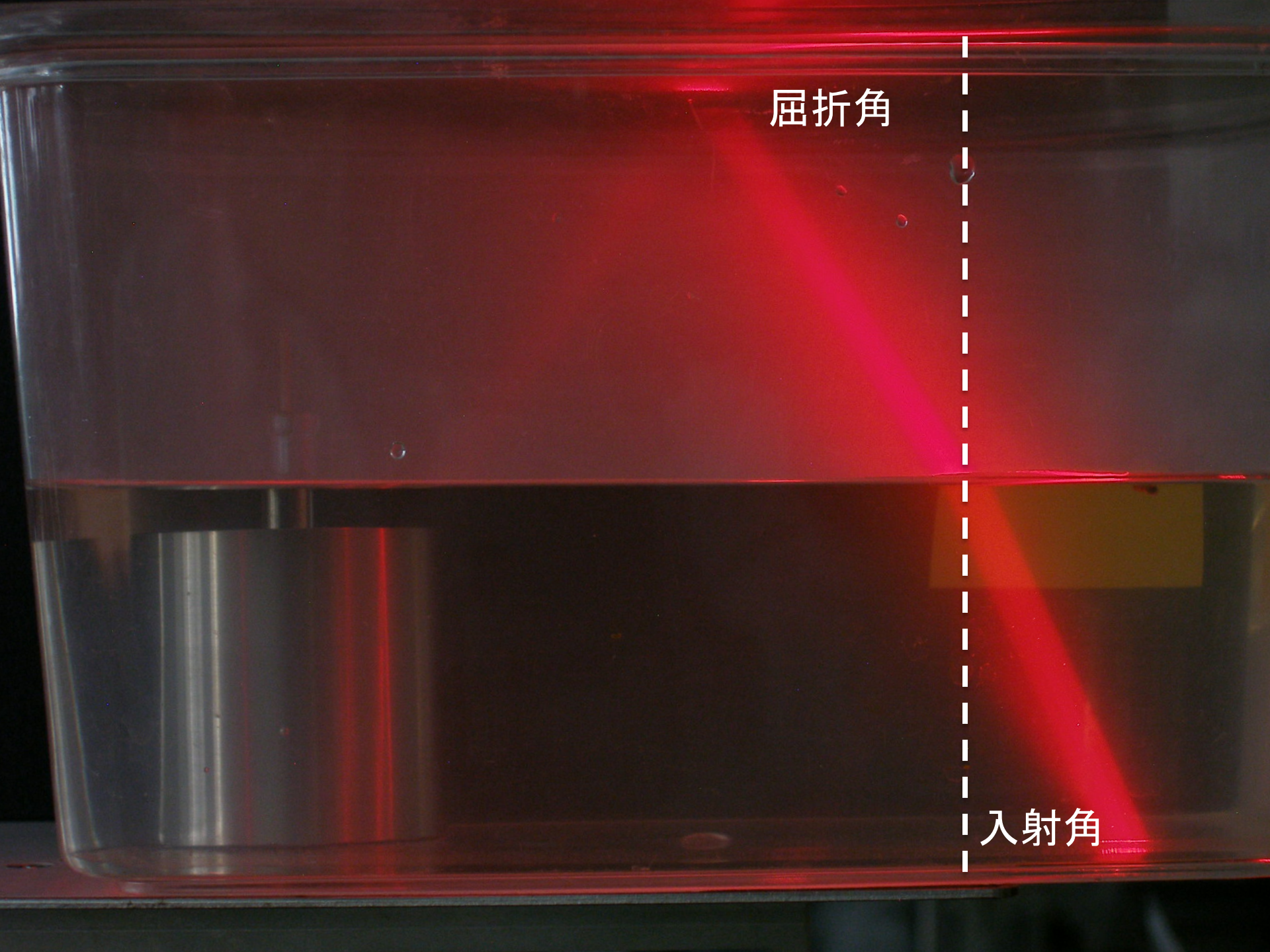




Willebrord Snell (1580-1621)

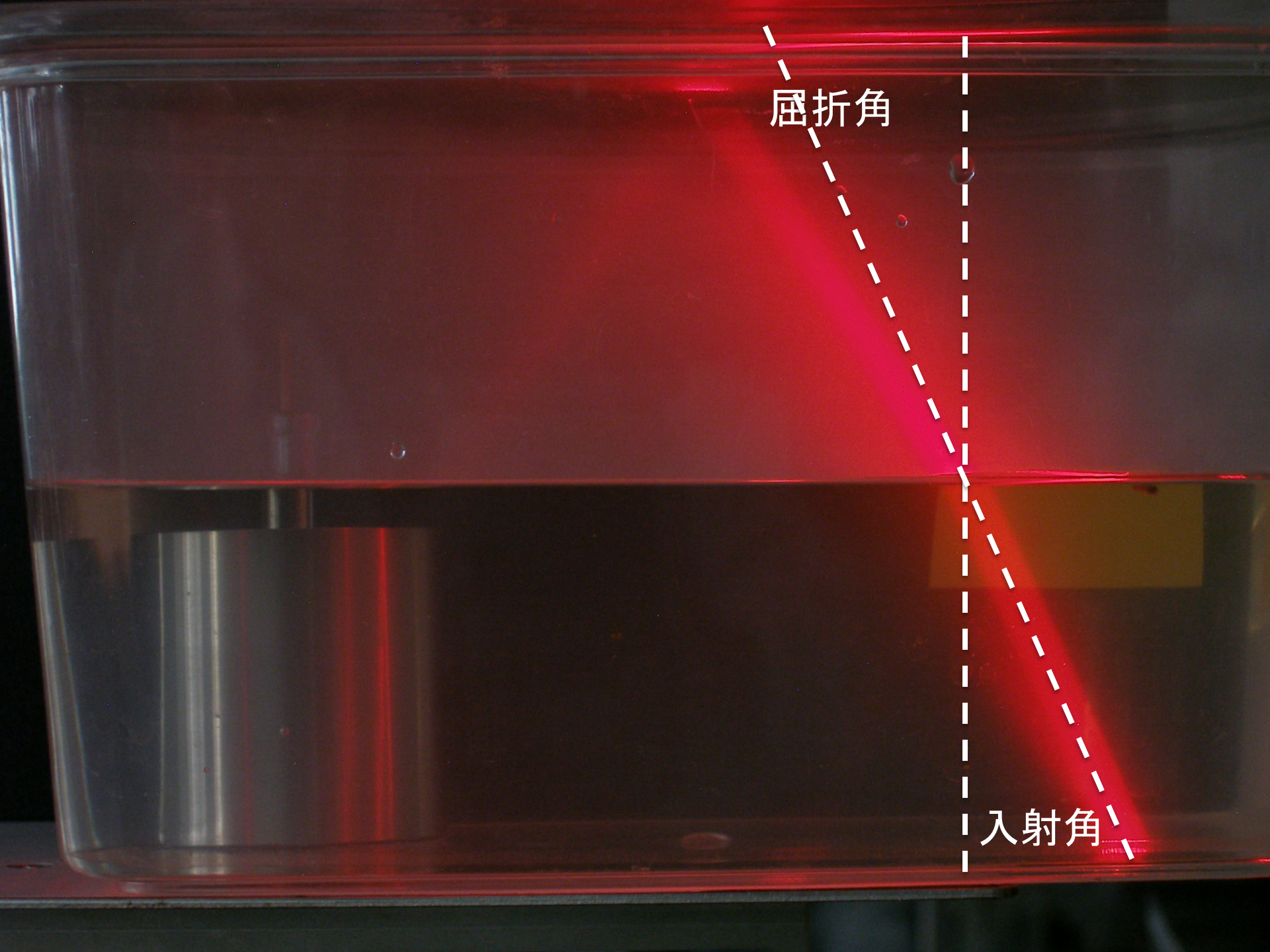




A diagram illustrating the refraction of light. A rectangular tank is shown, partially filled with water. A red laser beam enters from the right side, passing through the air and then the water. A vertical dashed white line represents the normal. The angle between the incident ray and the normal is labeled '入射角' (Angle of Incidence). The angle between the refracted ray and the normal is labeled '屈折角' (Angle of Refraction).

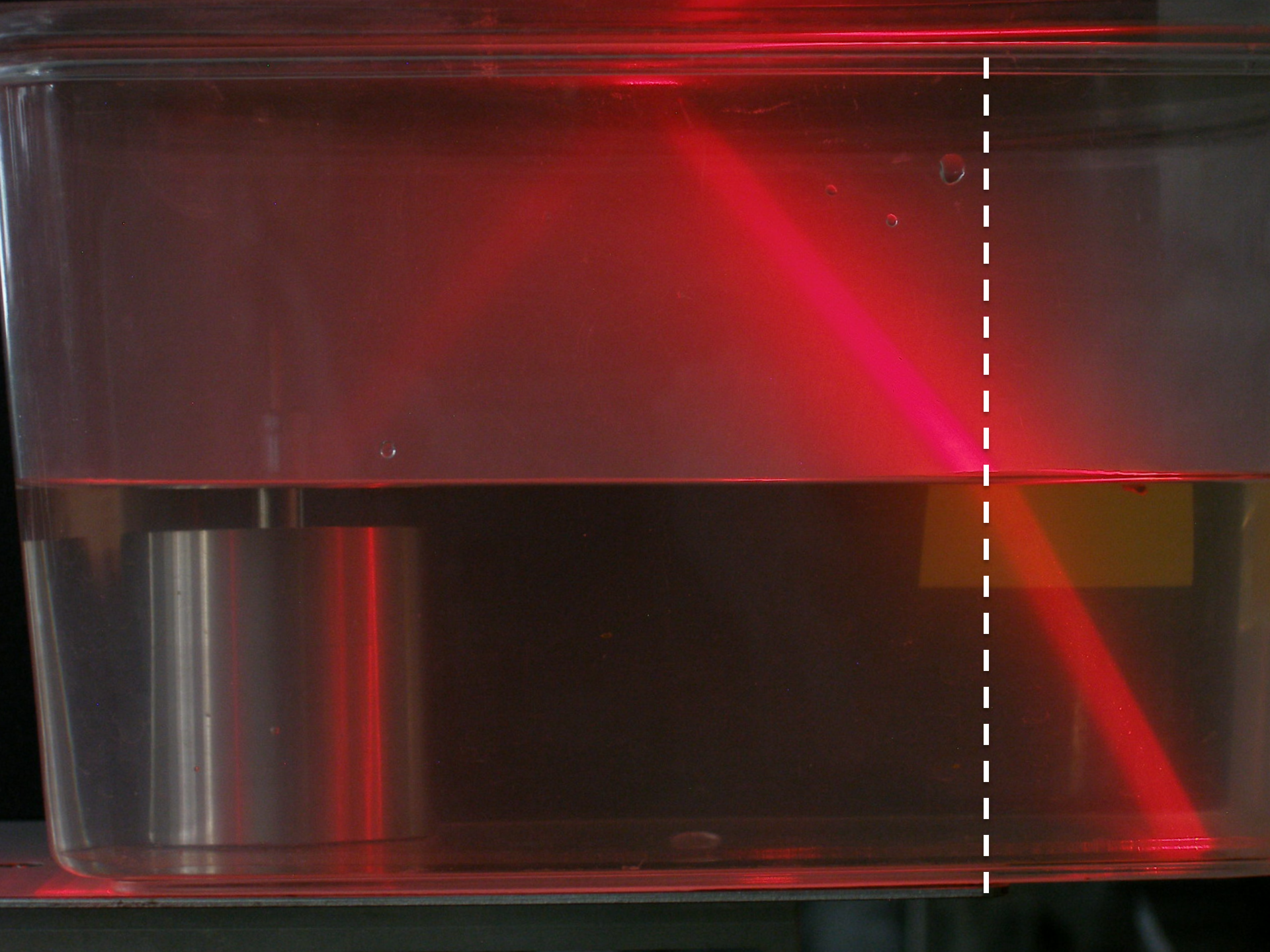
屈折角

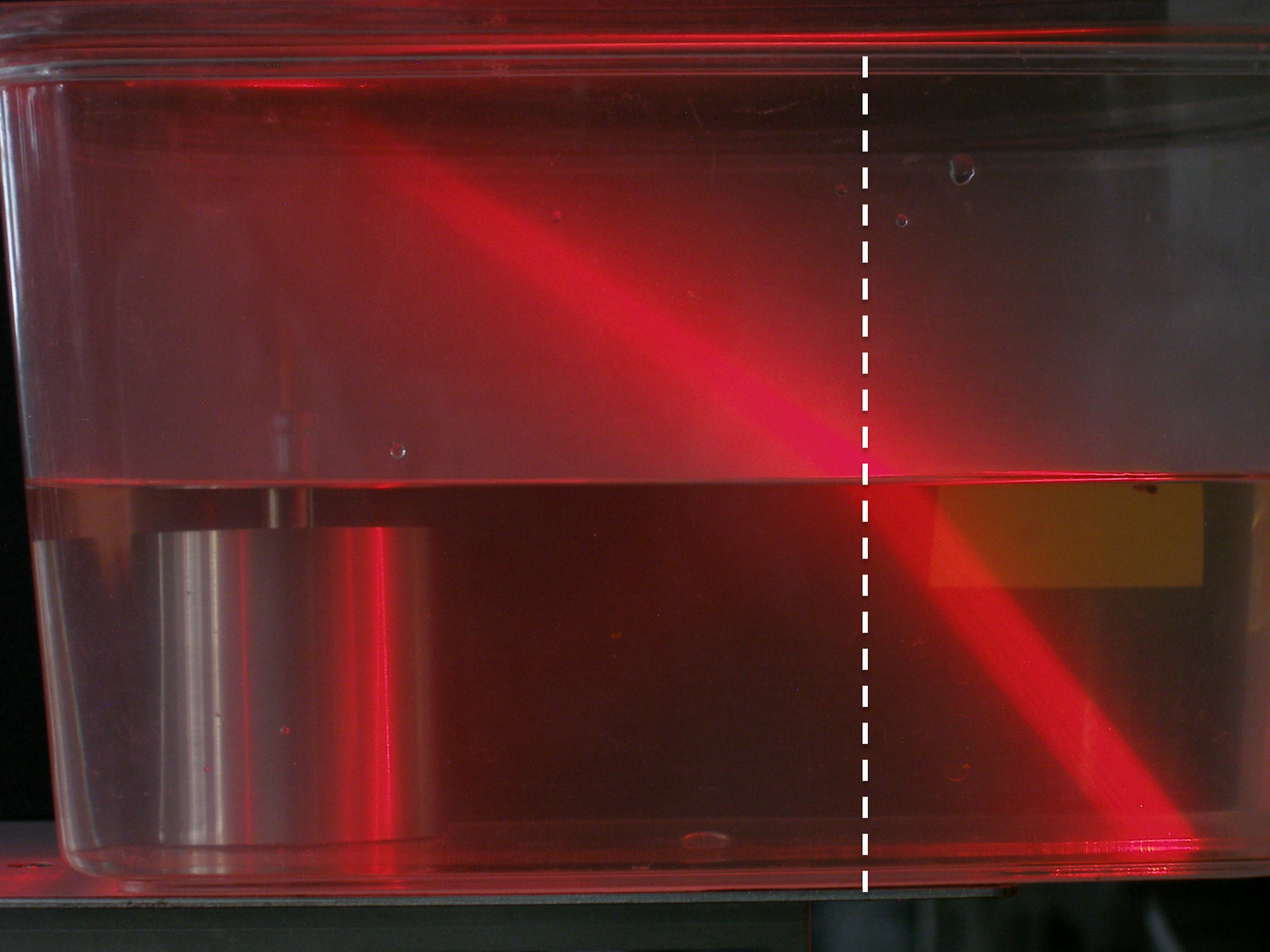
入射角

A photograph of a rectangular tank filled with water. A red laser beam is directed from the bottom right towards the water surface. The beam enters the water and bends away from the normal. A vertical dashed white line represents the normal. The angle between the incident beam and the normal is labeled '入射角' (Angle of Incidence). The angle between the refracted beam and the normal is labeled '屈折角' (Angle of Refraction).

屈折角

入射角





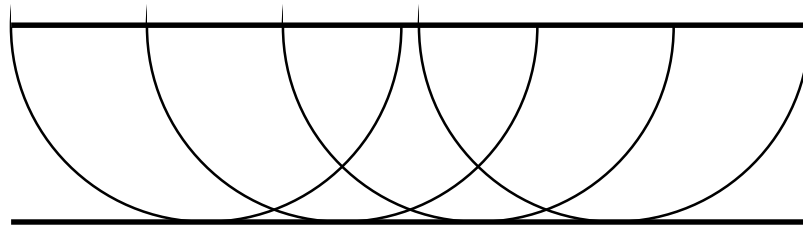


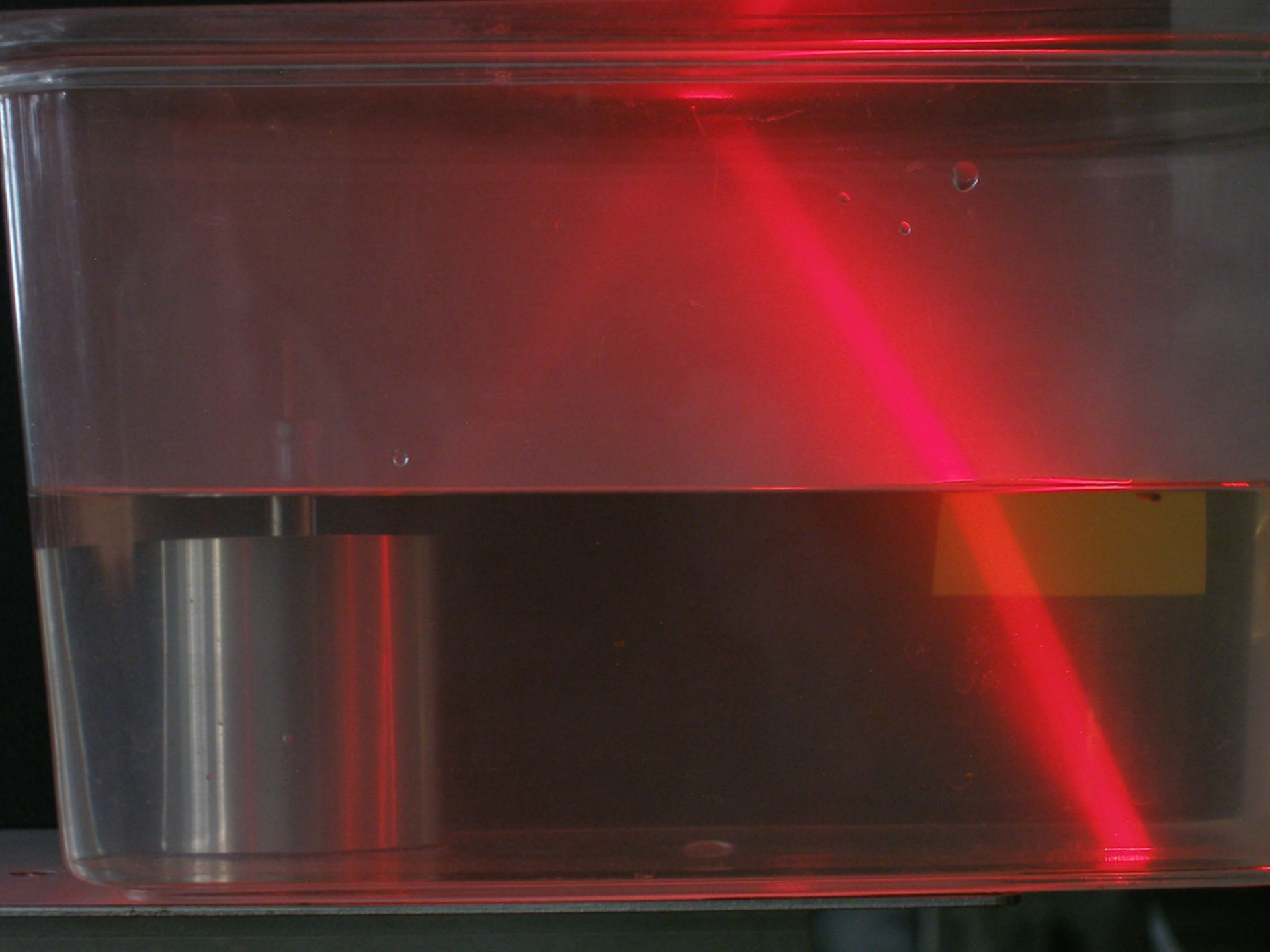
Christiaan Huygens
(1629-1695)

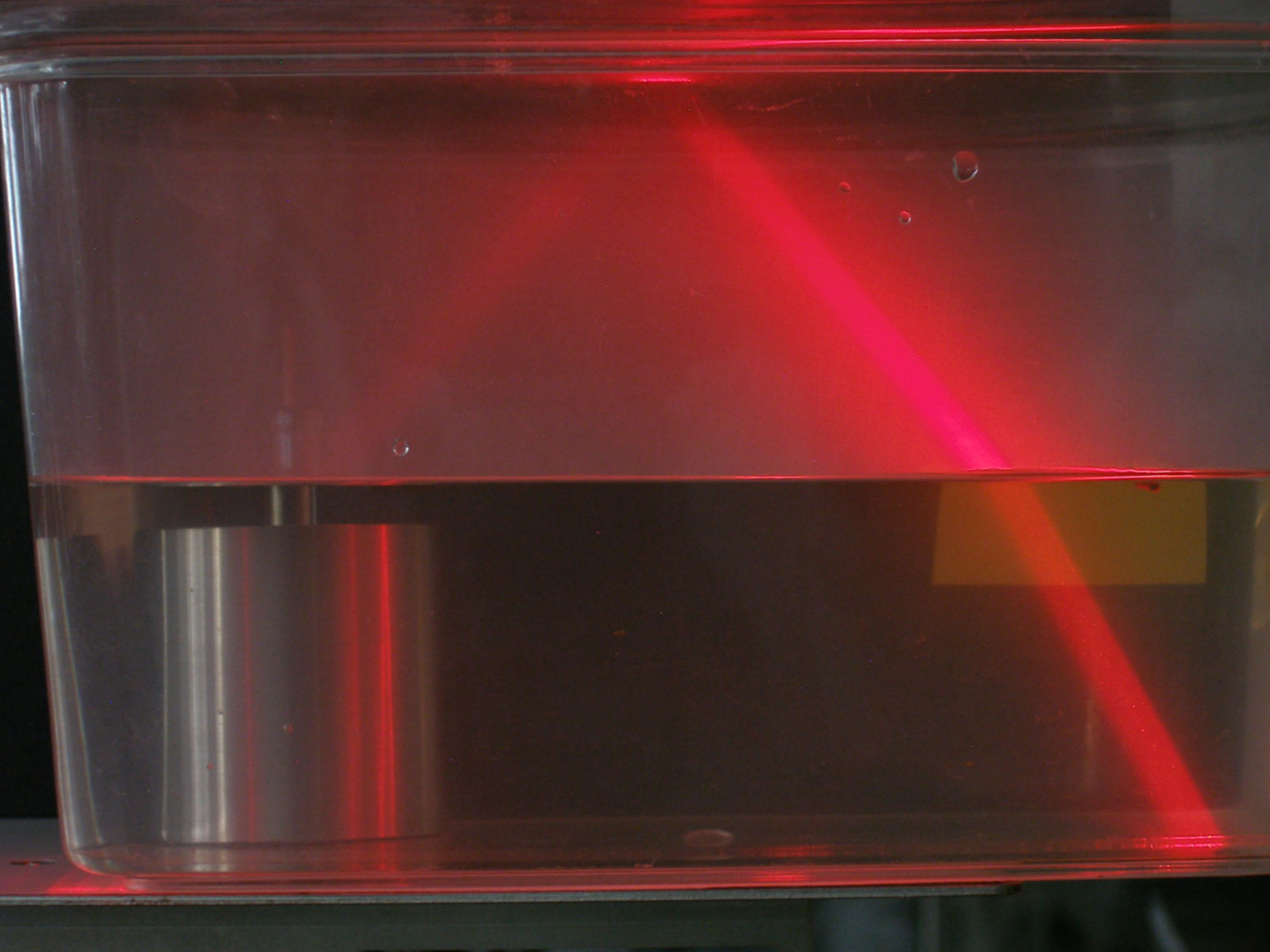
光の波動説

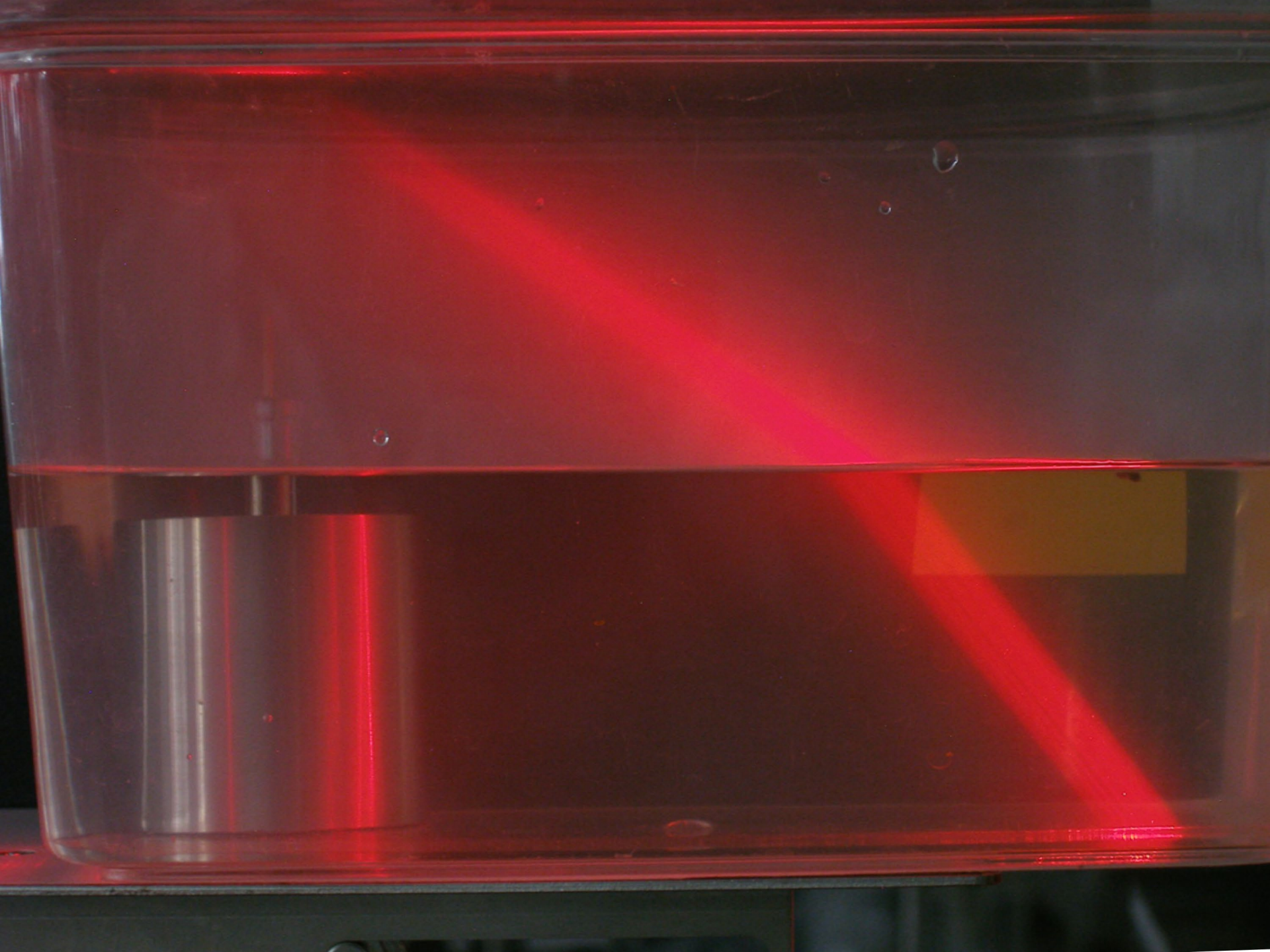
ホイヘンスの原理(1678)

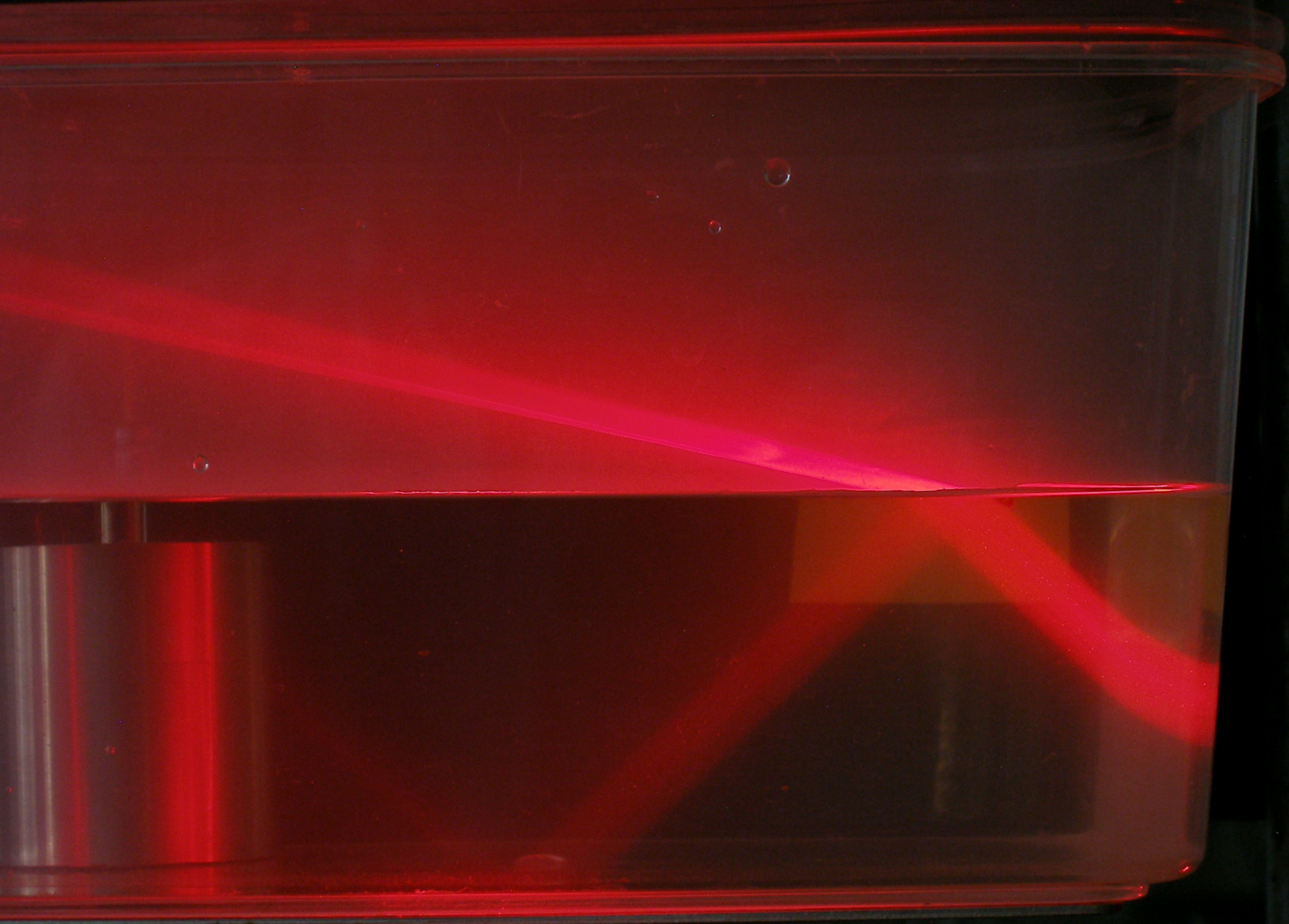
波は、波面上の各点が波源となってそこから球面波が発生し、その無限に多くの球面波の重ね合わせとしてより進んだ波面が形成される。

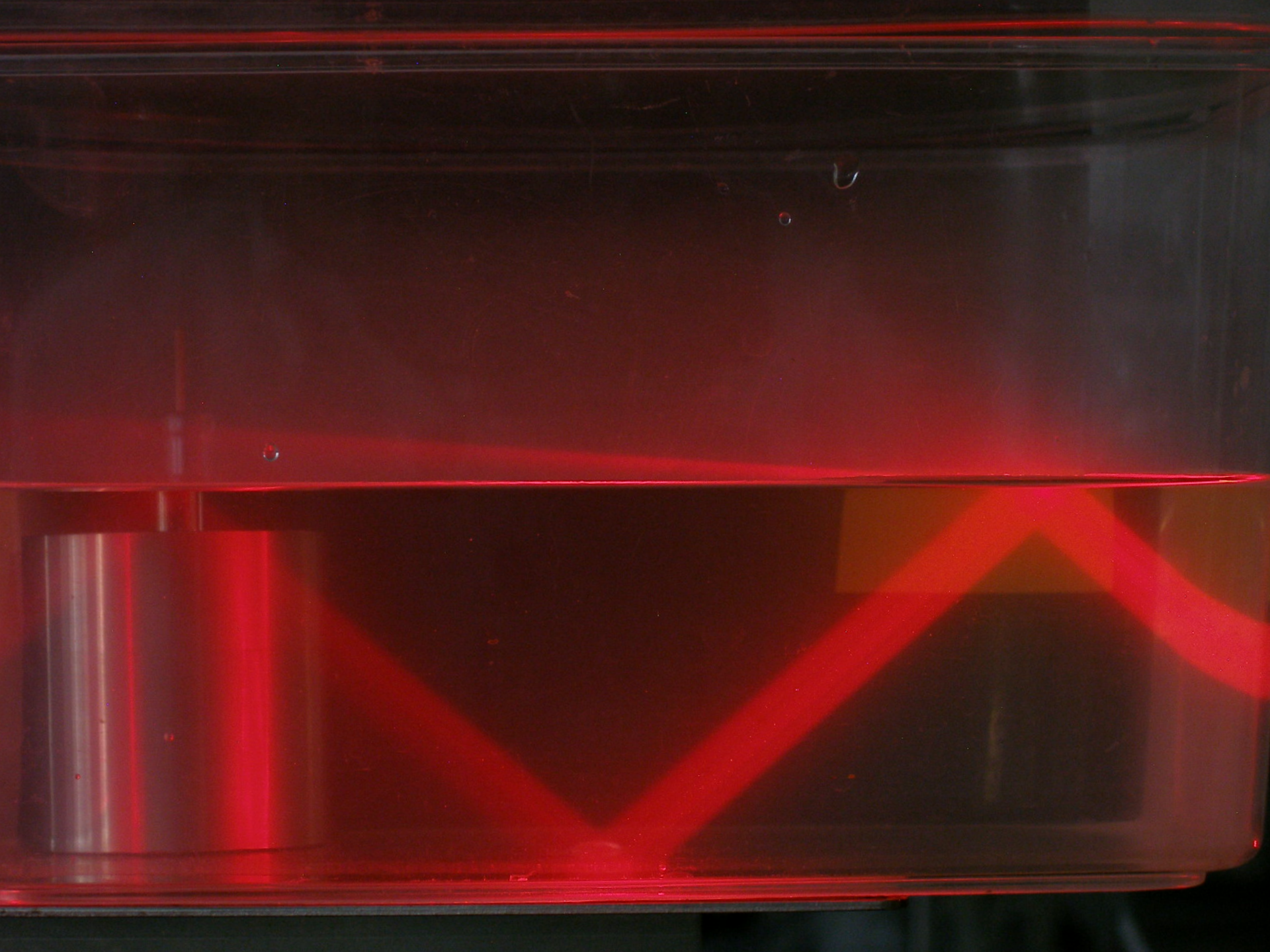


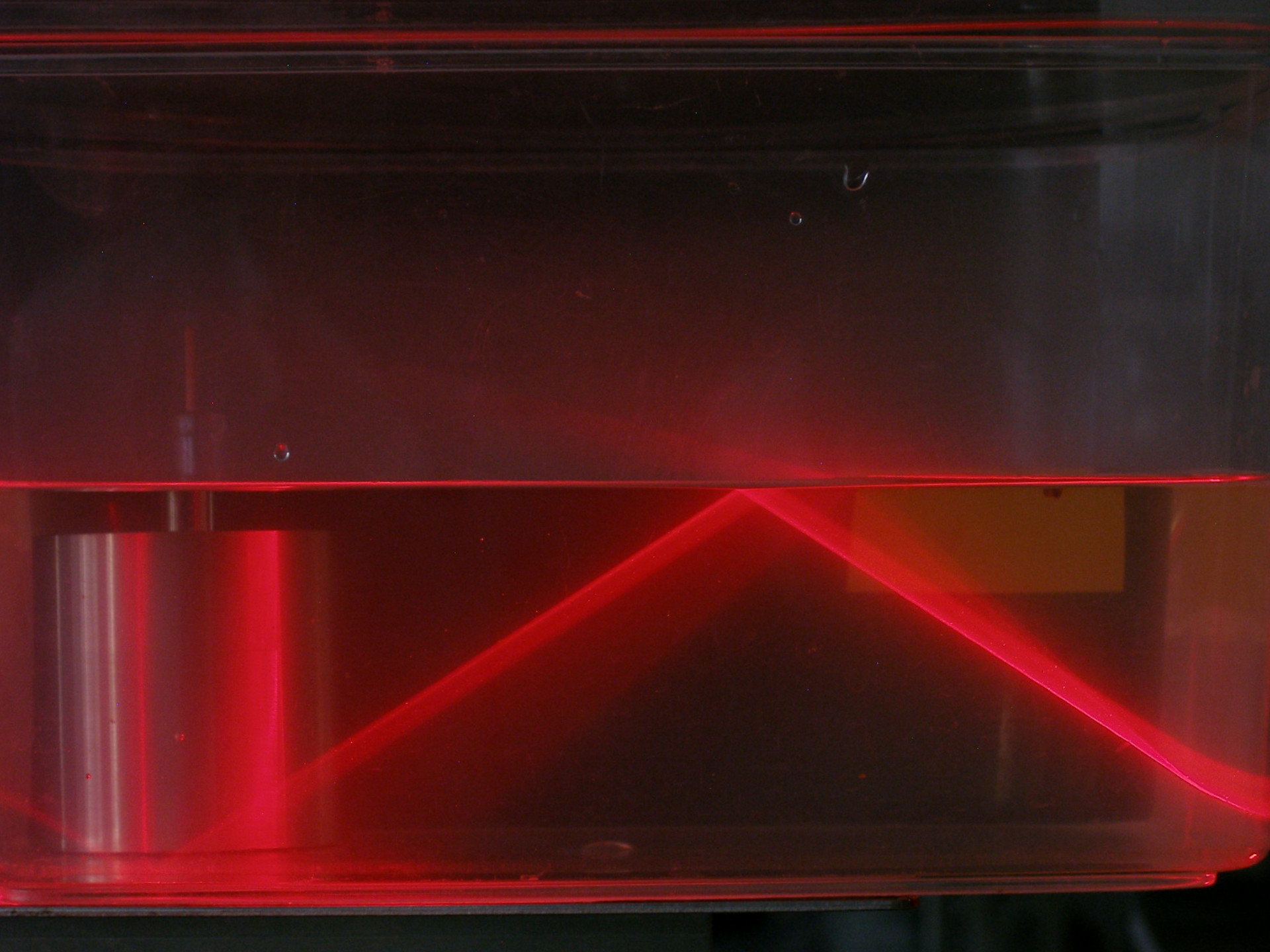


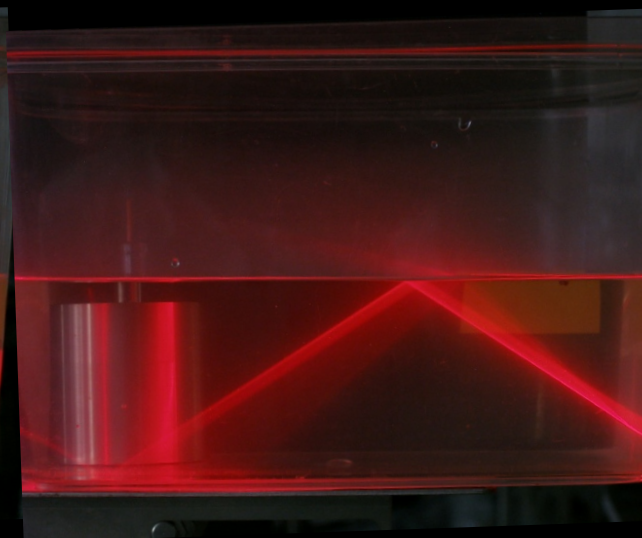
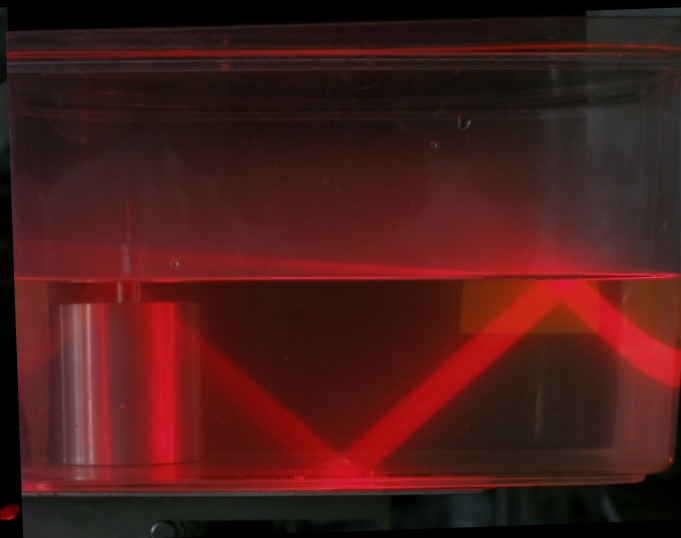
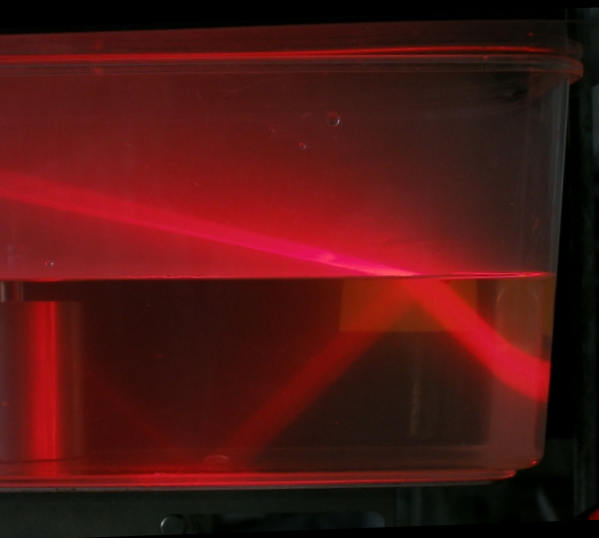
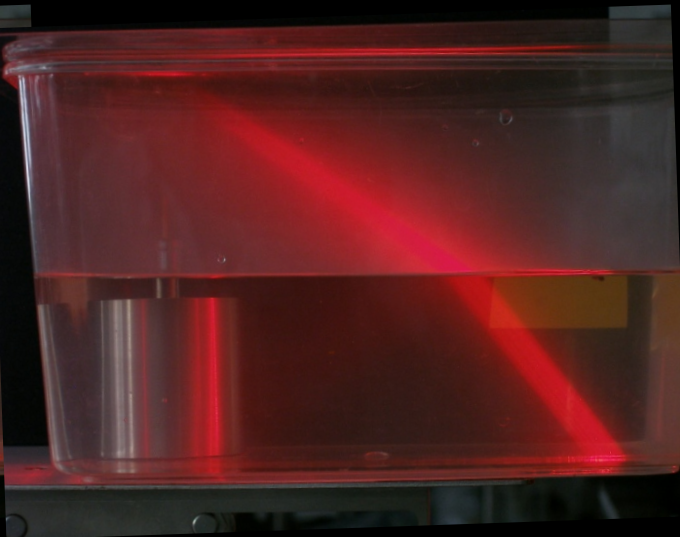
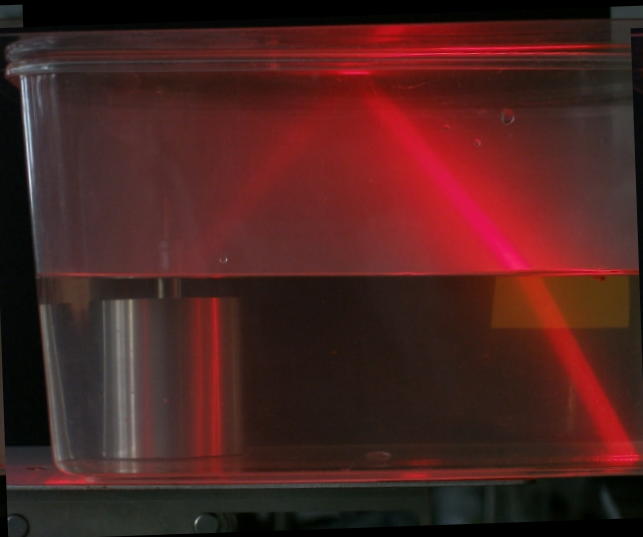
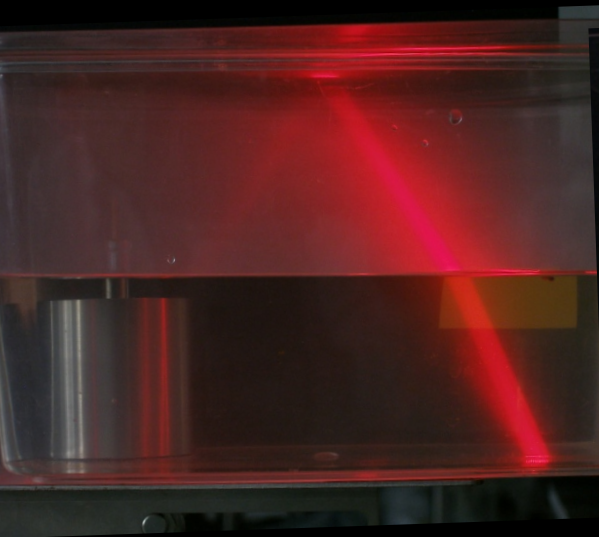








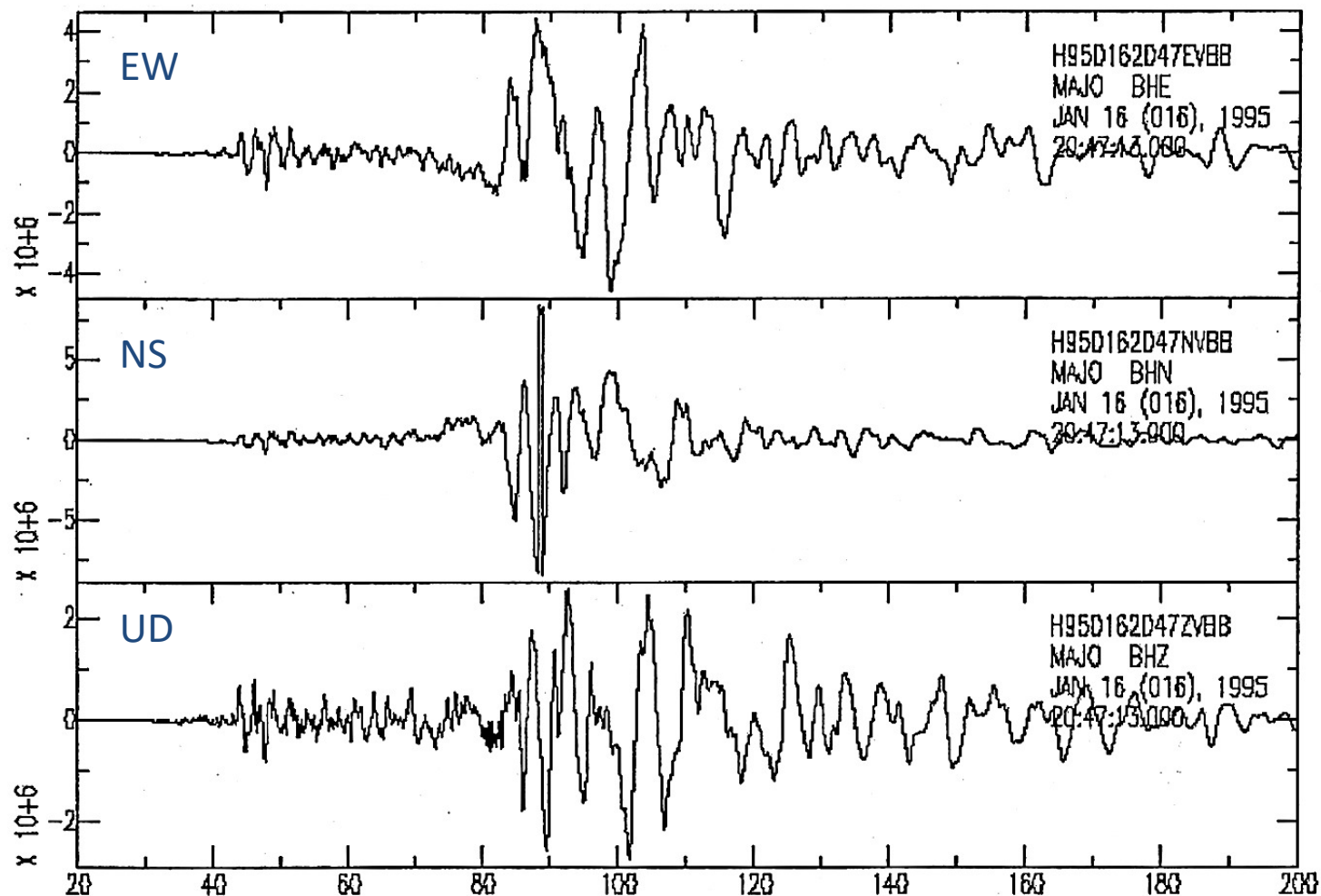




長野県松代における兵庫県南部地震の波形記録

1995 Jan 17

05:47:20.0 (JST)

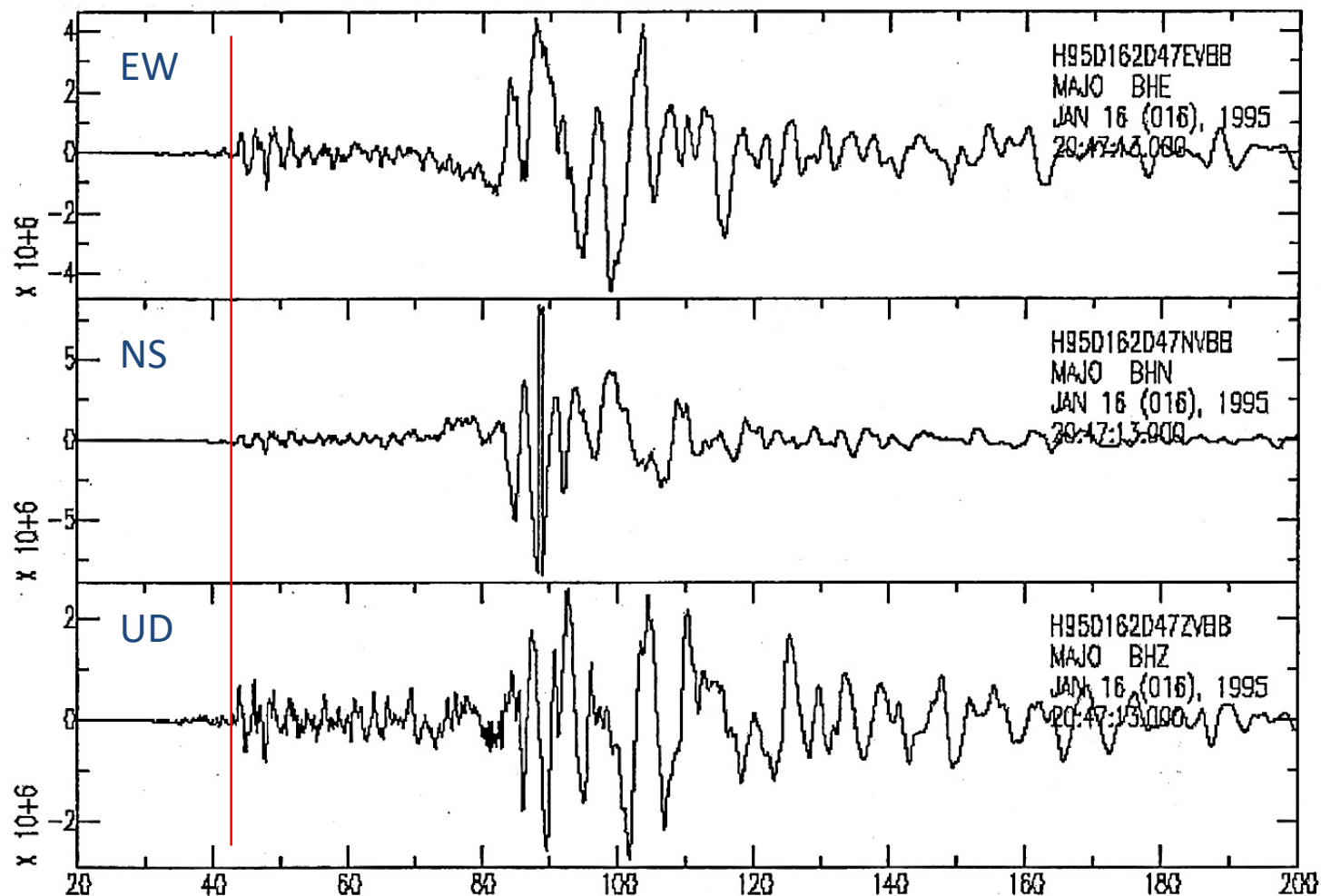


(sec.)

長野県松代における兵庫県南部地震の波形記録

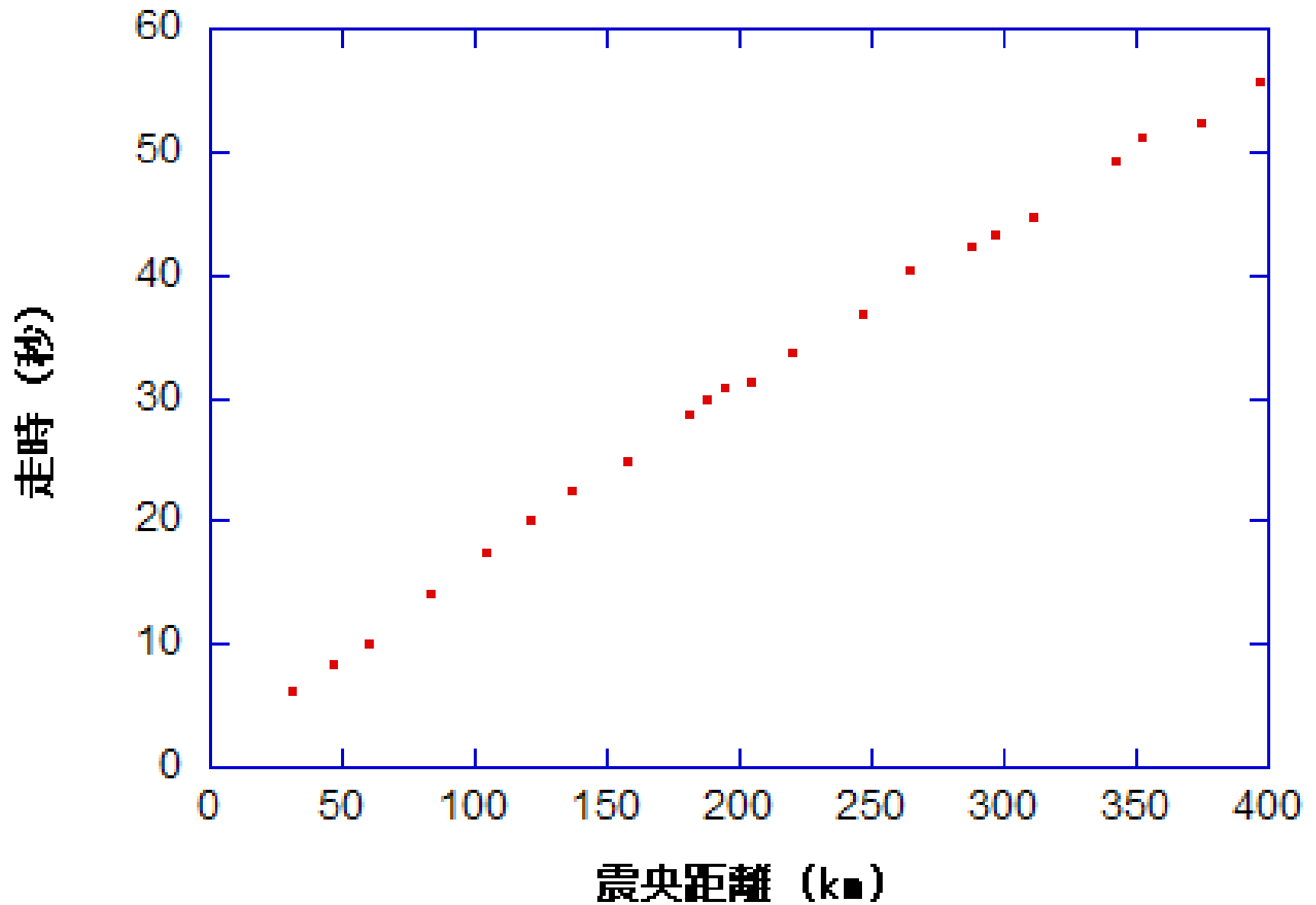
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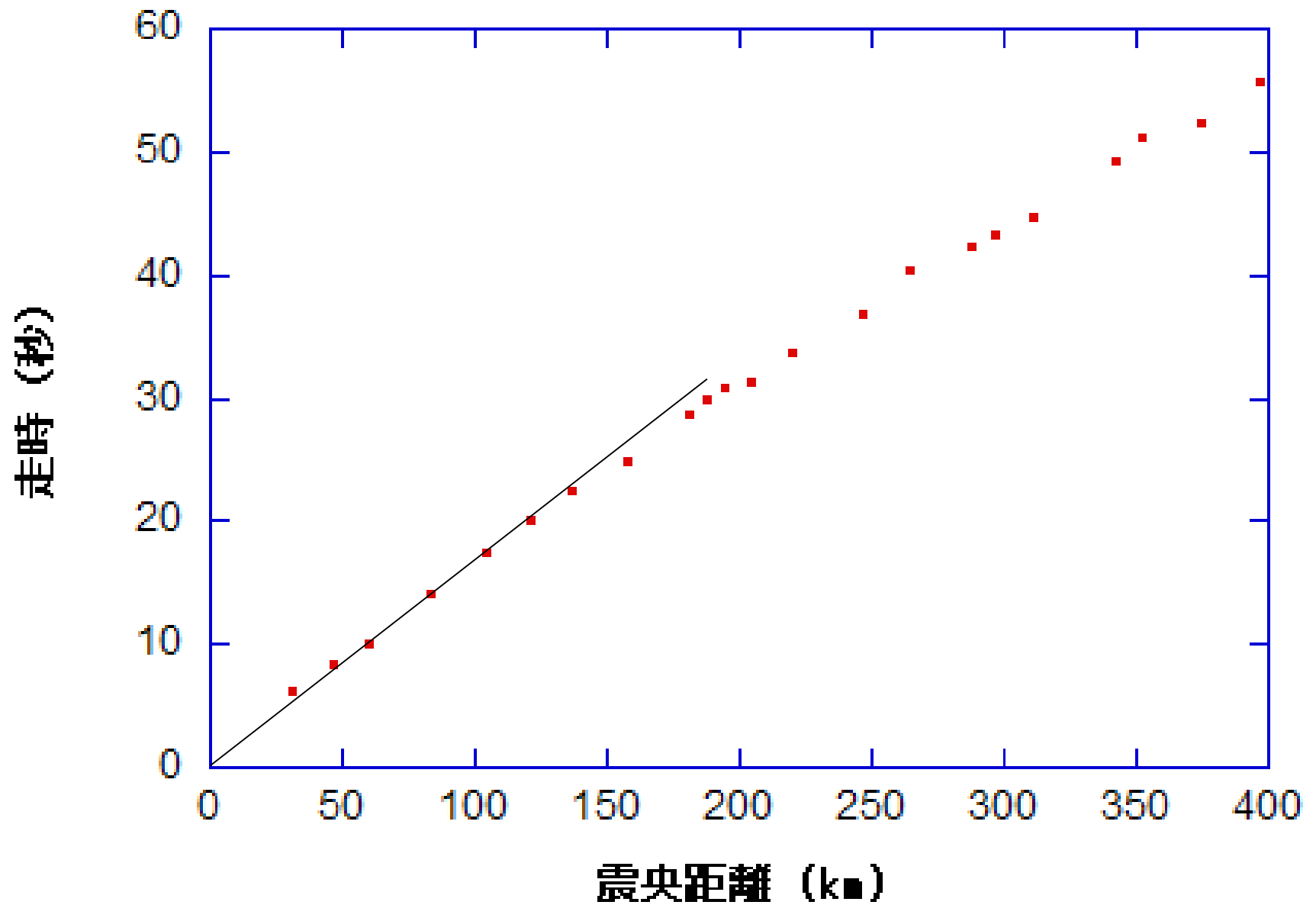


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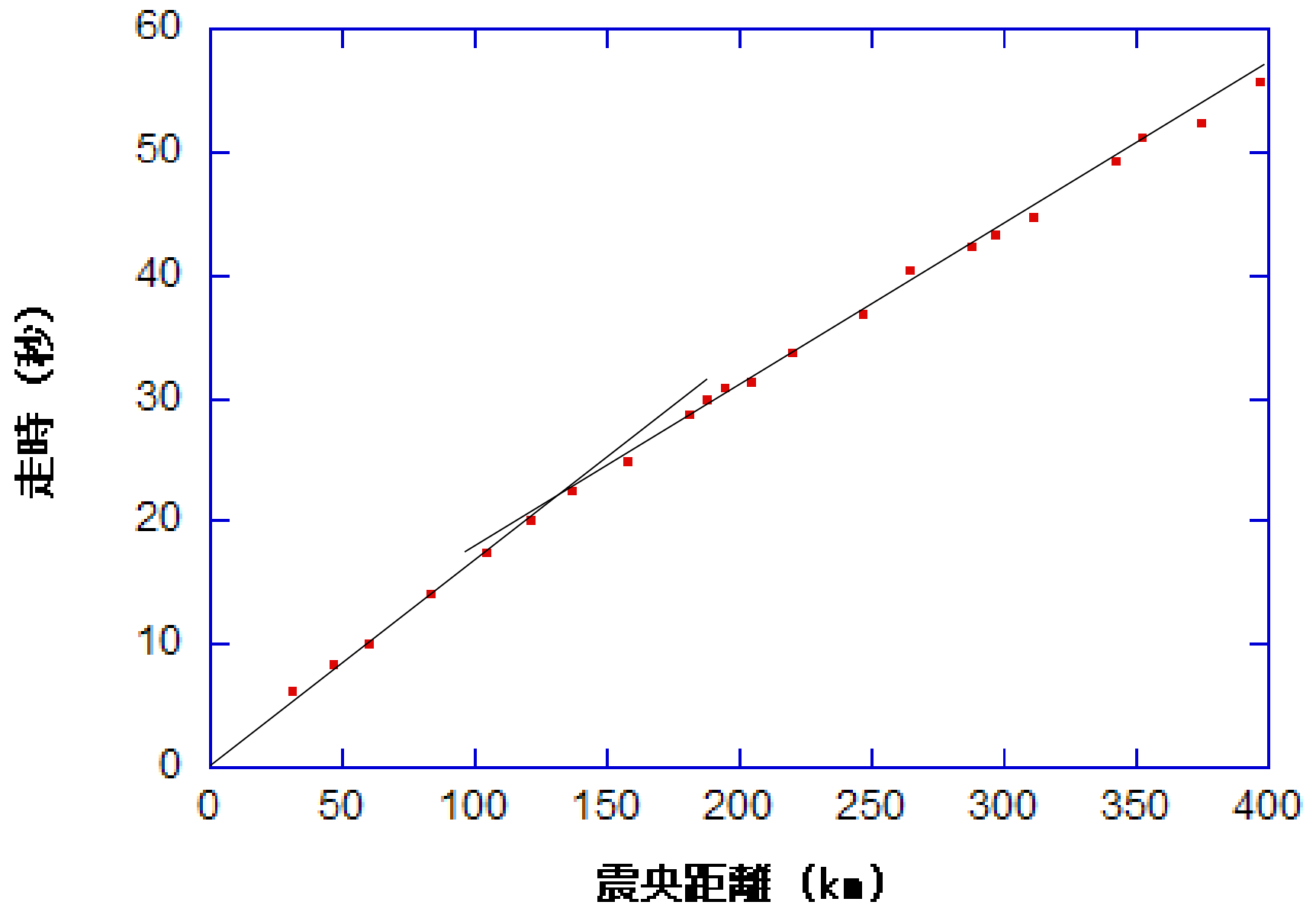
兵庫県南部地震



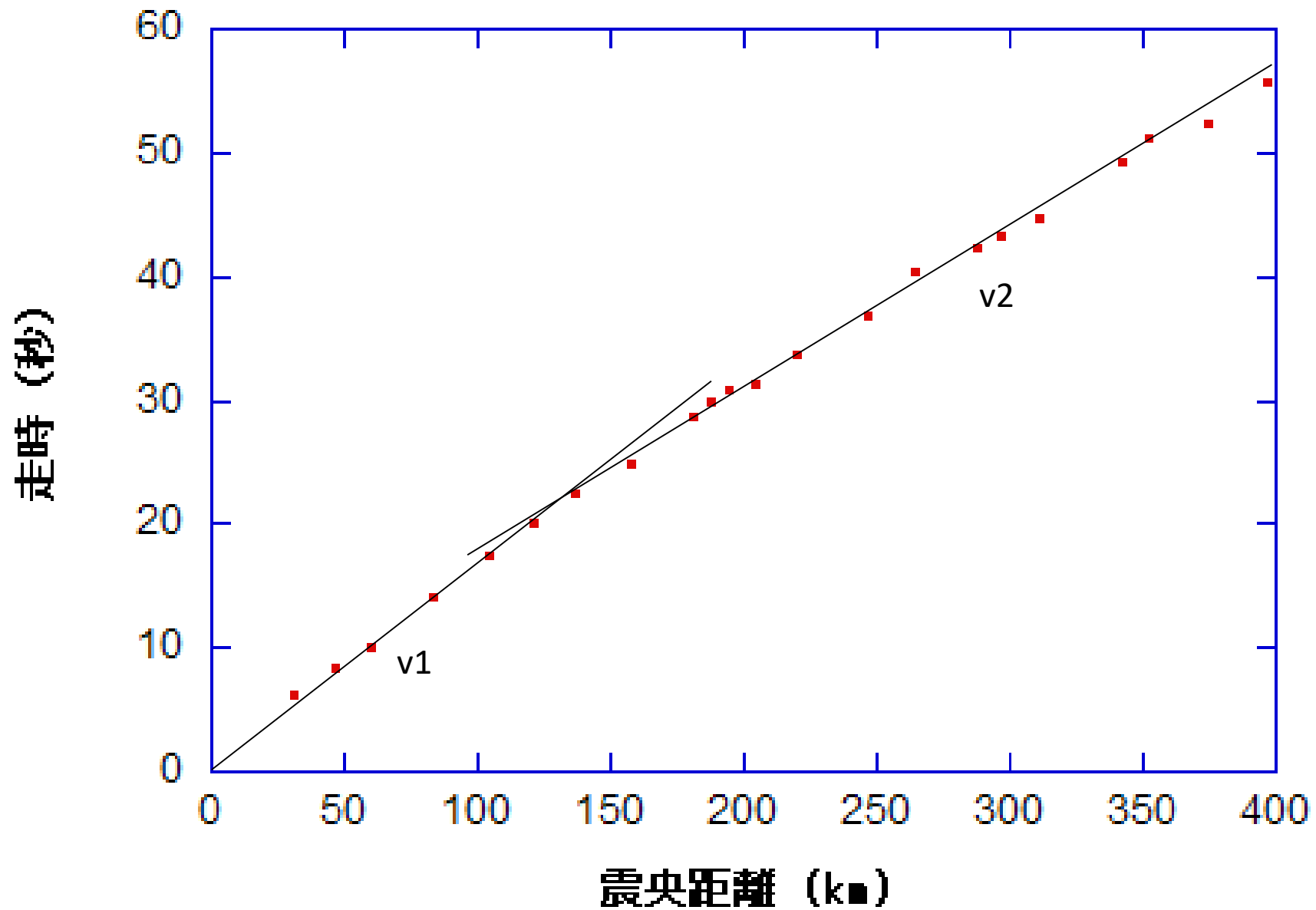
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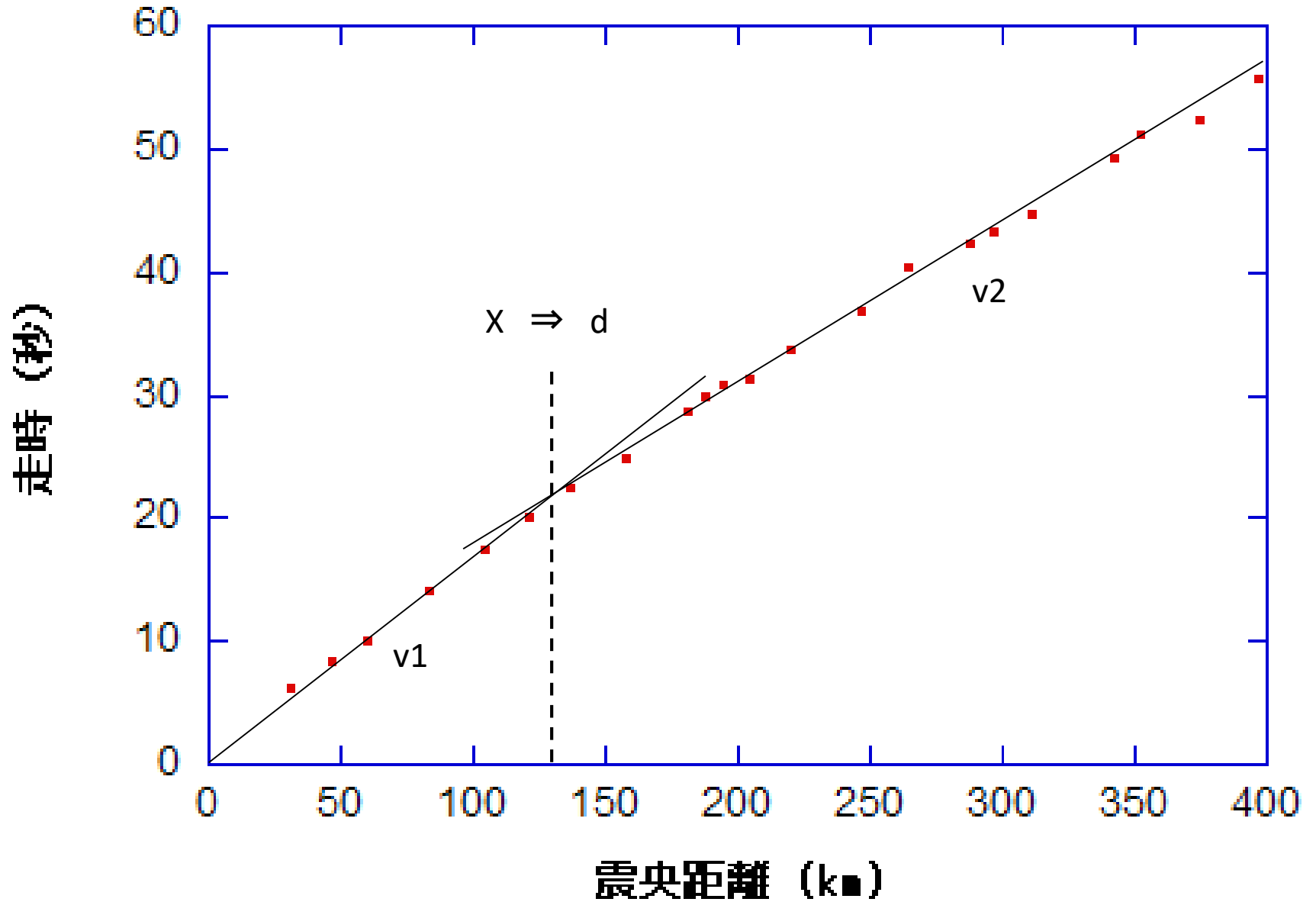
兵庫県南部地震



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兵庫県南部地震

