

Badische Landesbibliothek Karlsruhe

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The young man's book of amusement

Halifax, 1848

Ideal Spectrum

[urn:nbn:de:bsz:31-100120](https://nbn-resolving.org/urn:nbn:de:bsz:31-100120)

tion of the height of the mercurial column is reduced to half the ordinary measure, yet the circumference traversed by the needle is greatly augmented.

Ideal Spectrum.

I was surprised, and agreeably amused, (says Dr. Darwin,) with the following experiment. I covered a paper about four inches square with yellow, and with a pen filled with a blue colour wrote upon the middle of it the word BANKS in capitals, and sitting with my back to the sun, fixed my eyes for a minute exactly on the centre of the letter N in the middle of the word; after closing my eyes, and shading them somewhat with my hand, the word was distinctly seen in the spectrum in yellow letters on a blue field; and then, on opening my eyes on a yellowish wall at twenty feet distance, the magnified name of BANKS appeared written on the wall in golden characters.

Cohesion of Water.

If a glass be filled to the brim with water, and several small articles, as counters for instance, dropped in, what is the reason the water does not run over the brim of the glass?

It is the natural quality of all dry substances to