

## Perspectives in consciousness appendix

### Cool stuff:

[http://en.wikipedia.org/wiki/Gabor\\_wavelet#Wavelet\\_space](http://en.wikipedia.org/wiki/Gabor_wavelet#Wavelet_space)

### Talbot

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Encoding and decoding frequencies is precisely what a hologram does best. Just as a hologram functions as a sort of lens, a translating device able to convert an apparently meaningless blur of frequencies into a coherent image, Pribram believes the brain also comprises a lens and uses holographic principles to mathematically convert the frequencies it receives through the senses into the inner world of our perceptions. Pribram's theory, in fact, has gained increasing support among neurophysiologists. **Examples**

The brain then, is able to translate the avalanche of frequencies it receives via the senses (light, sound, etc) into the concrete world of our perceptions.