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experiments to be 25 dB per decade or proportional to $\omega^{-2,5}$. For higher frequencies, the power spectrum decreases with frequency as $\omega^{-1,5}$ or 15 dB per decade as shown by Fitzpatrick and Strasberg [4].

A schematic drawing of the bubble spectrum is shown in Fig. 2a.

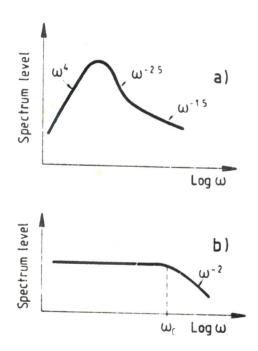


Fig. 2: a) Energy spectrum from a bubble.

b) Shock wave spectrum.

A general noise spectrum from a cavitation bubble may be found by combining the two spectra. Considering the statistics