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## Abstract View

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### Journal of Physical Oceanography

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## The Effect of Internal Wave Strain on Vertical Spectra of Fine-Structure

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### ABSTRACT

Vertical spectra of temperature perturbations are due to (i) internal wave displacement in the mean profile and (ii) fine-structure that would still be measured in the absence of internal waves. The former is probably confined to low wavenumbers, but at a lower energy level could be responsible for some of the reported fine-structure. The latter is distorted by the internal waves and differs from the true fine-structure spectrum by an amount proportional to the mean-square strain of internal waves.

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