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Renormalization Group Theory and Its Application to Thermally-Induced Turbulence CAO Yi-Gang<sup>1,2</sup> and W.K. Chow<sup>1</sup>

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Abstract: Renormalization group theory applied to turbulence will be reviewed in this article. Techniques associated are used for analyzing thermally-induced turbulence. Transport properties such as effective viscosity and thermal diffusivity are derived.

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Key words: renormalization group, turbulence

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