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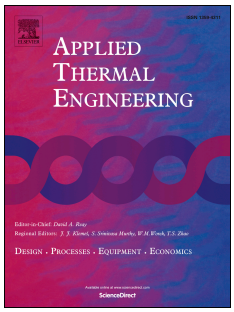

Numerical simulation of turbulent flow through a straight square duct

Jun Yao, Dr. Yan Lin Zhao, M. Fairweather

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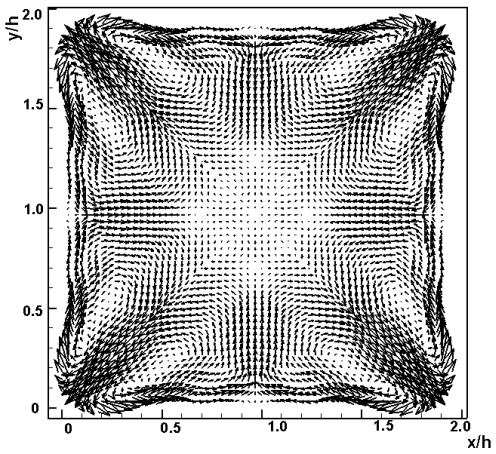
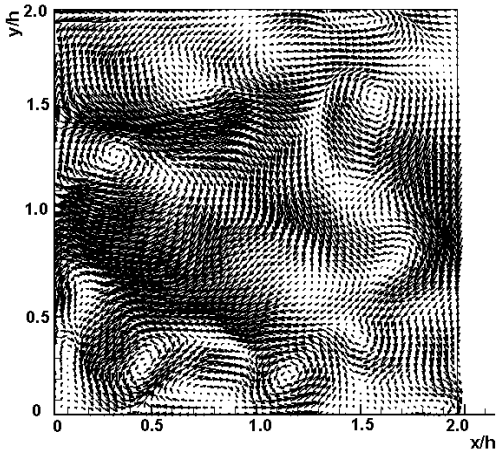
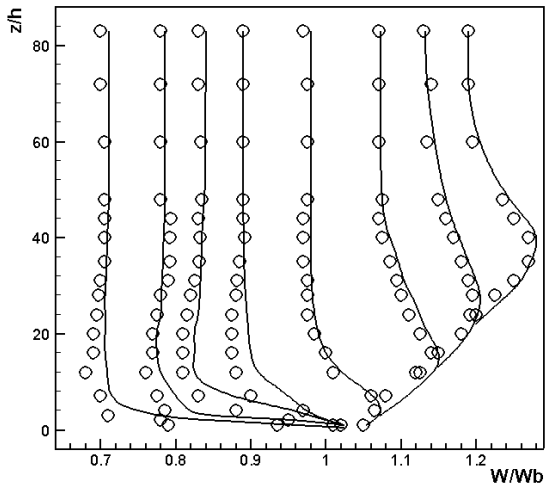
Graphical Abstract



Mean secondary flow



Turbulent secondary flow



Large eddy simulation vs. experimental data

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