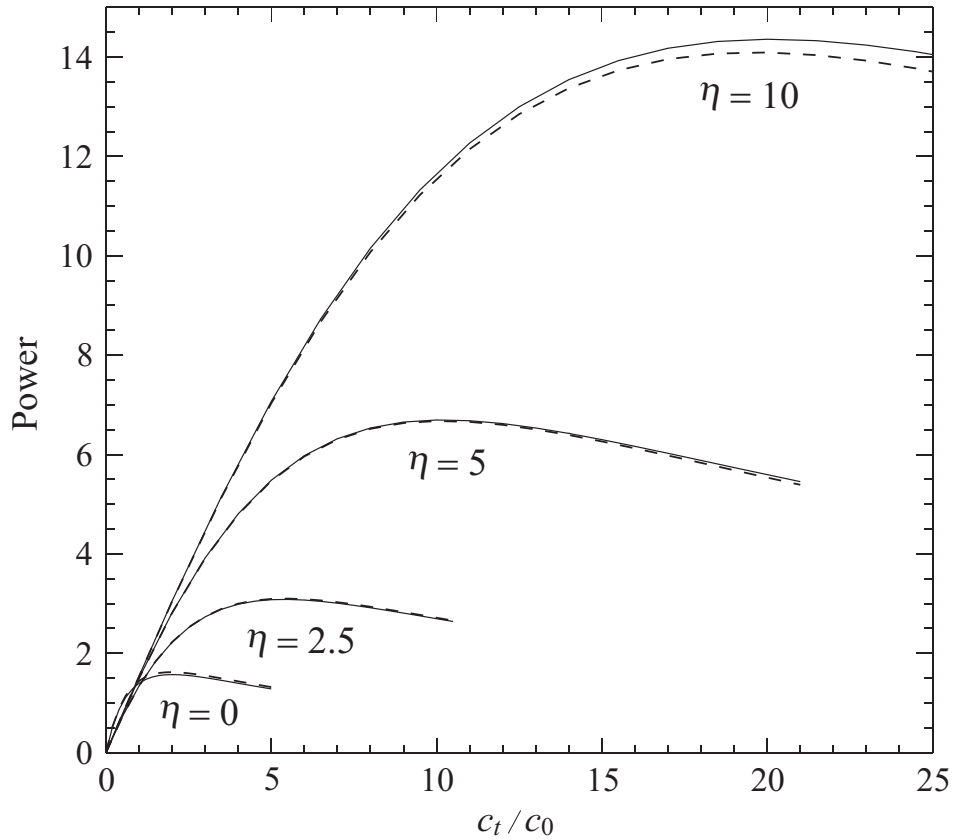


Appendix to “Maximum power from a turbine farm in shallow water”
by C. Garrett & P. Cummins



Comparison between analytical solutions (solid lines) and numerical model calculations (dashed lines) for the turbine dissipation, scaled with $\rho h R^2 c_0 u_0^2$, as a function of the non-dimensional turbine drag, c_t / c_0 . The analytical curve for $\eta = 0$ is from equation (3.3), while the curves for $\eta > 0$ are from equation (4.1). Numerical results are from a linearized version of the model with vorticity advection omitted ($\xi = 0$).