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[2] S. N. Biswas and T. S. Santhanam, "Coherent states of para-Bose oscillators", J. Austral. Muth. Soc. Ser. B 22 (1980), 210-217.
[3] F. H. Busse. "On the mean field problem of thermal convection", Max-Planck Inst. Phys. Astrophys Rep MPI-PAE/Astro 31 (1970), 1-31
[4] E. M. Casling. "Slender planing surfaces". Ph. D. Thesis. University of Adelaide. 1978.
[5] R. H. Day, "Adaptive processes and economic theory", in Adupture economic models (eds. R. H. Day and T. (iroves). (Academic Press. New York. 1975). 1-38.
[6] J. W. Miles, "Resonant response of harbors (the harbor paradox revisited)". Proc. 8th Symp Nuical Hidro. (1970). 95-115.
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