



Madame Putiphar (1)

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 32 pages. Original publisher: Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center ; Springfield, Va. : For sale by the National Technical Information Service, 1988 OCLC Number: (OCoLC)25327900 Subject: Navier-Stokes equations -- Numerical solutions. Excerpt: . . . data simple to use. Ghia, Ghia, and Shin 24 presented extensive numerical obtained from their multigrid vorticity-stream function formulation using very fine grids. They reported results which efforts. agreed well with other computational Other recent computational work involving this par-ticular geometry include Schreiber and Keller 25 who use a vorticity-stream function formulation; Kim and Moin 6 who use a fractional-step method in primitive variables in conjunction with ap-proximate factorization; Vanka 26 who uses a multigrid technique in primitive variables; and Benjamin and Denny 27 who use a centrally differenced vorticity-stream function formulation in conjunction with an AD1 scheme. The current calculations attempt maintain the accuracy of these authors while using fewer to grid points. The flow is calculated for Reynolds numbers of 100, 400, 1000, 3200, 5000, 7500, and using a of 81 by 81 points where the points are clustered toward the walls. This grid...



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