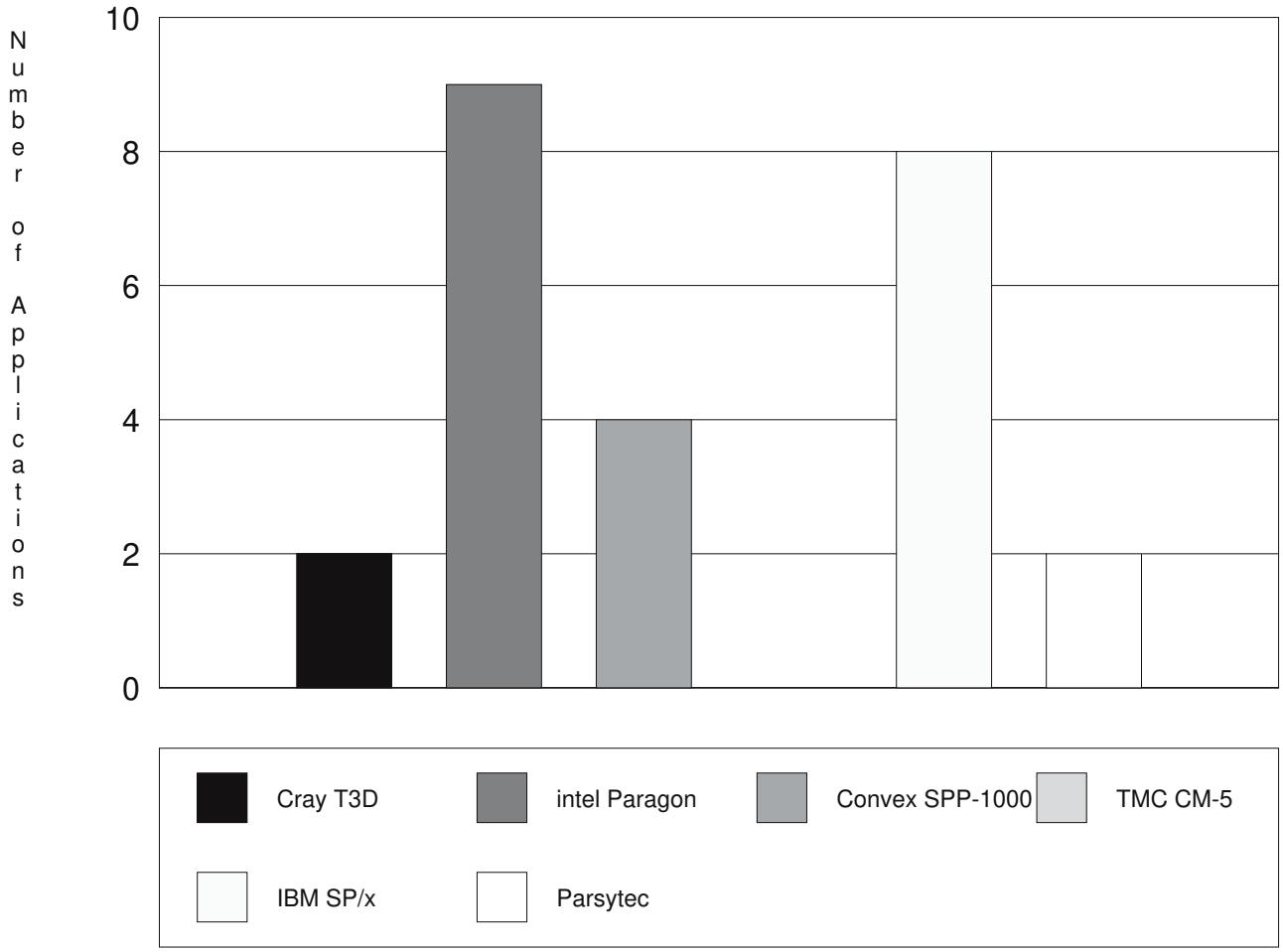Computational Fluid Dynamics