

On the steady supersonic flow past a curved cone

We will talk about the problem on the steady supersonic flow past a Lipschitz curved cone. We assume that the cone has an opening angle less than a critical value and has sufficiently small total variation of the tangent of the perturbation and assume that the mach number of incoming flow is sufficiently large, then construct the global weak solution via Glimm scheme for $1 < \gamma < 3$.