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<b>Abstract</b> :	<p>The relative flow Mach number distributions on the surface of stator and rotor blade sections of a turbine stage were determined using the computer programme COMPBLADE at three radial stations. For the stator blade sections, iso-Mach number contours on the blade to blade surface and the flow Mach number on the blade surface as a function of blade surface length were plotted at the design flow conditions. The rotor profiles were analyzed at the reduced flow Mach numbers, because of convergence problem at the design conditions.</p>	