ASSOCIATED CURVES ON RULED SURFACES IN THE ISOTROPIC SPACE $I_3^{(1)}$

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Abstract. The paper deals with associated curves on ruled surfaces in the isotropic space $I_3^{(1)}$. On the base of previously found relations, the cases when these curves are lines of curvature or asymptotic lines are investigated. Eventually the case when one of these curves is a line of curvature and the other is an asymptotic line is treated too.

Mathematics subject classification: 53A40.

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