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Intrinsic Equations for a Relaxed Elastic Line on an Oriented Hypersurface in the Minkowski Space  $R_1^n$

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 [Keywords](#)  
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**Abstract:** We give the intrinsic equations for a relaxed elastic line on an oriented surface in  $\mathbb{R}_1^3$  ([1],[2]). In this paper, we derived the intrinsic equations for a relaxed elastic line on an oriented time-like hypersurface and space-like hypersurface in the Minkowski space  $\mathbb{R}_1^n$  and give additional results about relaxed elastic lines on various timelike and spacelike hypersurface in the Minkowski space  $\mathbb{R}_1^n$ .

**Key Words:** Elastic line, Minkowski space.

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