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The virtual shape of a spherical body moving along Ox – axis with a radial velocity V

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ABSTRACT. In this paper is determined the quadrivelocity $u(u^0, u^1, u^2, u^3)$ from the space-time metrics given for a frame with the origin in the center of gravity of radial velocity V . The body's surface equation is given by $u^0 = u_{surface}^0 = ct$.

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