

LARGE VORTEX SOLUTIONS
OF RELATIVISTIC EQUATIONS
OF THREE-VELOCITY SUPERFLUID DYNAMICS

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S u m m a r y

The equations of vortex motion of relativistic superfluid two-condensate systems are solved by taking into account the effect of reciprocal drag of superfluid motions. We receive the explicit solution describing the stationary and cylindrically symmetric vortex configurations of a three-component superfluid (i. e., two superfluid components and the ideal gas of phonons).