**Time Rate and Light Speed in Variable Motion Spaces** PENGLIN
YANG — This paper presents a transformation that applies to variable motion
spaces, which is different from the Lorentz transformation that described uniform
motion spaces in the Einstein's Special Theory of Relativity. In the new transforma-
tion, the two equations which describe two coordinates or variable motion spaces,
can transform from one into another. Furthermore, from the transformation, no
matter how two spaces relatively move–variable speed or constant speed, the light
speed in either space is constant, which is observed from its own view. But from a
third view, the light speeds in the two spaces are not constant.

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