

*訂正とお詫び

編集上の不手際により，下記誤植がありました．訂正しお詫び申し上げます．

$$v_x = v \cos \theta = \frac{l_{12}}{2} \left(\frac{1}{t_{12}} - \frac{1}{t_{21}} \right) \quad (7)$$

$$v_y = v \sin \theta = \frac{l_{34}}{2} \left(\frac{1}{t_{34}} - \frac{1}{t_{43}} \right) \quad (8)$$

$$v = \sqrt{v_x^2 + v_y^2} \quad (9)$$

$$l = \sqrt{(t_{21}c)^2 - (t_{21}v \sin \theta)^2} - t_{21}v \cos \theta \quad (12)$$

$$(l - t_{12}v \cos \theta)^2 = (t_{12}c)^2 - (t_{12}v \sin \theta)^2 \quad (13)$$

$$(l + t_{21}v \cos \theta)^2 = (t_{21}c)^2 - (t_{21}v \sin \theta)^2 \quad (14)$$

$$c^2 = \left(\frac{l}{t_{21}} + v \cos \theta \right)^2 + (v \sin \theta)^2 \quad (16)$$