ERRATUM

Joint Moment and Mechanical Power Flow of the Lower Limb During Vertical Jump

S. Fukashiro and P.V. Komi

Department of Biology of Physical Activity, University of Jyväskylä, Jyväskylä, Finland

Int. J. Sports Med. 8 (1987) 15–21 Supplement

The figure of Appendix 1 and the three equations should read as follows:

$$1. Fax = max - Fx$$

$$2. Fay = may - Fy + mg$$

$$3. \Sigma M = I\alpha$$

$$Ma + (Fx \cdot R) + (Fy \cdot Q) - (Fay \cdot L) - (Fax \cdot N) = I\alpha$$

$$\therefore Ma = -(Fx \cdot R) - (Fy \cdot Q) + (Fay \cdot L) + (Fax \cdot N) + I\alpha$$

Fax, Fay = joint reaction force

Ma = moment of the joint

Fx, Fy = ground reaction force

ax, ay = acceleration of the center of segment

m = segment mass

g = gravity due to acceleration

I = inertia moment of the segment

α = angular acceleration of the segment

L, N, Q, R = distance