The Banki Water Turbine

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ERRATUM

Page 7 : between equation (2) and (3) : ... Figure **2.**

Page 7 : equation (6) : HP output = (**w**$Qu_1 g)(V_1 \cos \alpha_1 - u_1)(1+\psi \cos \beta_2 / \beta_1)$
same symbol as in equation (2) !

Page 8 : Figure 4 : $V_1 \frac{\cos \alpha_1}{2}$

Page 8 : equation (7) : $HP = wQH = wQV_1^2/C^2\ 2g$

Page 9 : equation (10) : $u_1 / V_1 = (\cos \alpha_1)/2$

Page 9 : equation (12) : $u_1 = [\psi/(1+\psi)](V_1 \cos \alpha_1)$
Conclusion : The outflow would be radial only when Ψ is unity.

Page 10 : middle of the page : ... inner periphery β'_2 can be ...

Page 10 : between equation (14) and (15) : ...to avoid this β'_2 must be greater than 90°.

Page 12 : equation (18) or $(v'_2)^2 = (u'_2)^2 - (u_1)^2 \pm (v_1)^2$

Page 14 : between (33) and (34) ... and $\underline{\boldsymbol{\alpha_1}} = 16°$

Page 16 : Complete the Figure 9 by drawing a line from O perpendicular to line AB, creating an intersection in some point K.

$OK = r_1 \sin(90° - \beta_1 - \delta/2) = r_2 \sin(\delta/2)$

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