

Khurmi R S., *A textbook of machine design*. 14th ed. New Delhi, India., 2015.

Johnson J L., *Introduction to Fluid Power*, New York, USA., 2002.

Williams J., *Engineering Tribology*, Oxford, UK., 1994.

Schwartz R G, *Calculating Forces in the Pulley Mechanical Advantage Systems Used in Rescue Work*, Ashland, WI USA, 2007

Shigley J E(1986) *Standard handbook of machine design*, ISBN: 0-390-76487-6, McGraw Hill Inc, USA, 1986

Wahren U(1997), *Practical Introduction to Pumping Technology*, (1997), Houston Texas, 1997.

Biography

Ignatio Madanhire is a PhD student in Engineering Management at the University of Johannesburg, South Africa. He is also a lecturer with the Department of Mechanical Engineering at the University of Zimbabwe. He has research interests in engineering management and has published works on cleaner production in renowned journals.

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