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Mathew Williamson* (slidergs@yahoo.com). *Twist Numbers of Links from the Jones Polynomial.*

A theorem of Dasbach and Lin's states that the twist number of any alternating knot is the sum of the absolute value of the second coefficient and the absolute value of the second to last coefficient of the Jones Polynomial. We extend this result to links, finding that the Jones Polynomial doesn't detect Hopf link factors. This yields a formula which gives the twist number of any link: each region which is not part of a twist adds one, then each Hopf link factor minuses one, then minus two to get the Jones Polynomial twist number. Furthermore, we show what the individual numbers represent in terms of the link diagram. (Received September 09, 2005)