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Matthew R. A. Sedlock* (msed84@jhu.edu), 100 Whitehead Hall, 3400 North Charles St., Baltimore, MD 21218, and **John C Wierman**. *On the directions for which directional critical exponents are equal in inhomogeneous percolation models*. Preliminary report.

We extend a previous result on the range of directions for which equality of the directional critical exponents β can be established in inhomogeneous percolation models. In particular, we show that by looking at a certain, larger subgraph of the square lattice, we can increase the range of directions for which equality can be shown from a quadrant to a region larger than a quadrant. (Received September 22, 2011)