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Julia Porcino and **Irena Swanson*** (iswanson@reed.edu), 3203 SE Woodstock Blvd, Portland, OR 97202. *2 x 2 permanental ideals of hypermatrices.*

We determine the prime ideals minimal over the ideal generated by classes of 2×2 permanents of n -dimensional hypermatrices. We give their description in terms of admitted sets. We contrast our work with that of Swanson and Taylor on ideals generated by 2×2 determinants of the same hypermatrix. (Received August 25, 2011)