

Enumeration study of self-avoiding random surfaces

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CORRIGENDUM

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This letter erroneously reports a value for the exponent γ characterising the divergence of the generating function for the series of the total number of surfaces of n plaquettes. From a naive Padé analysis of the logarithmic derivative of this series, the value of $\gamma = 0.22$, quoted in the letter, seemed reasonable. However, the Padé approximants were not well converged and a more careful analysis, using a Neville extrapolation, clearly shows that the value of γ is in the vicinity of $-\frac{1}{2}$. With this value, the exponents of random surfaces appear to fall in the universality class of branched polymers.

I am grateful to Professor A J Guttmann for pointing out this error in my letter.