

On rational maps from the product of two general curves

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Abstract. This paper treats dominant rational maps from the product of two very general curves to nonsingular projective surfaces. Combining the result in [5] we prove that the product of two very general curves of genus $g \geq 7$ and $g' \geq 3$ does not admit dominant rational maps of degree > 1 if the image surface is non-ruled. We also treat the case of the 2-symmetric product of a curve.

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