On an Enneper-Weierstrass-type representation of constant Gaussian curvature surfaces in 3-dimensional hyperbolic space

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Abstract. For all $k \in]0, 1[$, we construct an homeomorphism between the space of ramified coverings of the Riemann sphere on the one hand and the space of finite area locally strictly convex immersions in hyperbolic space of constant Gaussian curvature equal to k.