Michael Filaseta* (filaseta@math.sc.edu), Department of Mathematics, University of South Carolina, Columbia, SC 29208. The genus behind Hilbert’s Irreducibility Theorem. Preliminary report.

This talk is more of a question than a discussion of new results. We will present a partial argument for showing how Hilbert’s Irreducibility Theorem can be viewed in a certain way as following from Siegel’s Theorem on integral points on curves of genus > 0. Since the deduction of Hilbert’s Irreducibility Theorem from Siegel’s Theorem is not new, the emphasis is on the particular rather simple approach. We give some details on how the simple approach can be shown to work in special cases. The question then is whether the approach works in general. (Received January 28, 2014)