Matrix realizations of homogeneous Siegel domains

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We discuss holomorphic equivariant imbeddings of homogeneous (not necessarily symmetric) Siegel domains into the Siegel upper half planes. The images of the imbeddings are described clearly as the sets of complex symmetric matrices with specific block decompositions. In particular, every homogeneous Siegel domain has a canonical imbedding, whose image coincides with Xu’s realization of the Siegel domain essentially.