On the Inclusion Relation of Reproducing Kernel Hilbert Spaces

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There are many commonly used kernels in machine learning. We are curious whether there exist some inclusion relations among the corresponding reproducing kernel Hilbert spaces. Understanding the relations could give us some guideline in choosing and updating a kernel. We shall present a full table on the inclusion relation for popular kernels including Gaussian kernels, exponential kernels, inverse multiquadrics, B-spline kernels, ANOVA kernels, etc.