BRITISH EMBASSY
BELGRADE

~~$k(x_1, x_2)$~~

$k(x, y) = a(x - y)$

$= 1 - (x-y)^T C (x-y)$

$+ \sum_{ijkl} (x-y)_i (x-y)_j (x-y)_k (x-y)_l K_{(ij)(kl)}$

~~$\sum \alpha_k k(x_a, x_b) \alpha_l$~~ $\sum c_a k(x_a, x_b)$ // $u((x-y))^T K u(x-y)$

$= \sum_{kl} (x-y)^T K_{(\cdot)(kl)} (x-y)$

$(x-y)_k (x-y)_l$

$=$

Can send $t \in \mathbb{R}^N \rightarrow u \in \mathbb{R}^{N(N+1)/2}$.

$u_{ij} = t_i t_j$