



Journey by Carriovarnion

Deres 2) Let { v, , v2 ---- vn } be an orthonormal basis for a subspace of pu for each element in this embrace,
the weights in the linear combination

is

V= C,V, + C;V- - - - CnVin

This can be given as. (, = Vou; where i -- 17 --- n As orthonormal set is a set of orthonormal set is a set of orthonormal set is a set of orthonormal and this formula.