Sol b) Colven an orthobasis for Le([0,1]), describe how to construct an orthobasis for L2([0,1]°) - the space of functions of D continuous-valued variables X(t) such that

Sol... Solx(t)|2dt, ...dto co.

Based on our results from Sa) we have shown that constructing an orthobasis for L2([0,1]²) can be done as a composition of orthobasis functions on the L2([0,1]²) space. Specifically VK,R= YK(s) Yelt) is an orthobasis for L2([0,1]²). Extending this logic, VKR,..., can be an orthobasis for L2([0,1]²) where

VKR, ..., D = 1 4: (ti). Essentially there is an orthobasis function (corresponding to

each input dimension.

C. Klick Property

APT (April)

A STATE OF STATE

the second of the second second second

2000年