Listi probleme

1) Fie Q: 12 1-3 1P, O(x)= 4,2+42+432-2442-24442-24443-24444+

Sà so aduca la o forma conquira.

2) Fio Q: R-JR o forma potnatica qi G= (232) matrico asacabi.
Sa se diagonalizaze Q.

3) Fing: 12 +12 -> 12, gray) = a x1 y1+b x1y2+bx2y1+cx2y2, undo BEK

a) Sa se anatera g este oforma bilimiana simetrica.

b) So se anate ca g este produs scalar (=>) a>0.

4) Fie 2, 3-2x, 1-2x+x2] un reper in R. [x]. Ortonormati repend.

9) Jn(12, 90) aven repend

R=Jf_1=(-1,2,2,1), f_2=(-1,1,-5,-3), f_3=(-3,2,8,7), f_4=(0,-1,1,0)}.

Sa & ortonormeze.

6) Notam C([a,8]) = \f: [0,6] \sir (R/fcontinua) \f: [i]
g: C([a,6]) -> IR, g(f,h) = \f(t)h(t)dt.

Fote (C([a,w],g) spadik vectorial euclidian? 7) (M2(IR),g), g(A,B)= Tr(At.B), VA,BEV2(IR)

a) Anotorbica ge produs scalar, le $R = \{(21), (0-1), (12), (0)\}$ reportions scalar, le $R = \{(21), (0-1), (12), (0)\}$ reportions scalar, le $R = \{(21), (0), (0), (0)\}$ reportions scalar, le $R = \{(21), (0), (0), (0)\}$ reportions scalar, le $R = \{(21), (0), (0), (0)\}$ reportions scalar, le $R = \{(21), (0), (0), (0)\}$ reportions scalar, le $R = \{(21), (0), (0), (0)\}$ reportions scalar, le $R = \{(21), (0), (0), (0)\}$ reportions scalar, le $R = \{(21), (0), (0), (0)\}$ reportions scalar, le $R = \{(21), (0), (0), (0)\}$ reportions scalar, le $R = \{(21), (0), (0), (0)\}$ reportions scalar, le $R = \{(21), (21)\}$ repor