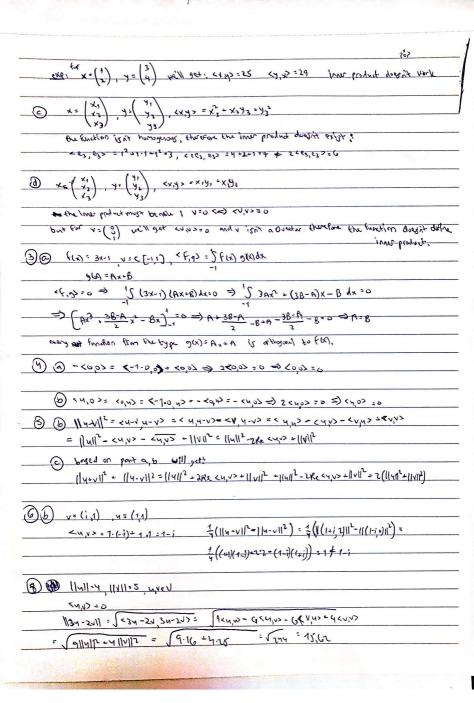
(1) @ f(A) = 2x", g(A) = x2, V= (To, 1), <1,97 = 5 F(K)g(K)dK 1/4() = 1 = (+ +) = (1 + 1/4 +) = 1 (+ 4) 1 = (+ 1/4) 2 11f-911 = \(\frac{1}{9} \cdot = 1 = 0.295 (05(a) = < f, 52 , 1/2 3/3 => a = c-51 (3/3 = 2,125+ad = 7.18 dog € F(x) = -3x, 9(x) = x2, v= C[-1]], -1,3> = 15 f(x)g(x)dx <1,9> = 15 - 2x3 dx = [-1/2 x4] 1 = -1/2 + 1/2 = 0 (1911 = 1.9.9> = Vyx dx - 1[(x) 1 + 1 = 118-911 = (-1, 1-9) = (-2x-x2) dx = (14x2+4x3+x44x = (4x3-x4-12x5) the inner product or to and of is of therefore they are vertical to are another (A= (10), B= (00), < AB> = Trace (ABT) = A,B> = Trace ((12)(0-1)) = Trace (0-1):-3 All = 5 < P, A> = 5 TALL(AA) = 5 TIGU ((10)(13)) = 5 TALL (13) = 510 11B11 = (+ B B > =) Track (BB) =) Track ((00) (01)) =) Track (00) = 1 1/A-BI) = (-A-B, A-B) = Trea ((10) (14)) = Trea (44) : 517 (A) - (A) - (A) - (A) - (B) - < x,y> = x,y, -x,y, -x,y, +3x,y, en insu product it needs to be? Lyondon symmetrical finer homeony, and positive = 4x1+4x2-7xx+31xx + <x,4x in second the tooken got granatrical therefore it could do the inex product



| 1 |) prompared. A: (5+5053) + A: (10+ 102 M) + (10+ 5/10+ 5/10+ 5/10+ 5/10) |
|-----|--|
| | 11000 - < 4400 - (7000) - (700 |
| | 1 3 3 - WICH WORL WITE - WITE WITE TO WIS ES - < WIN> |
| | " (5 TX-) W. + (2 TX-) |
| | Paradomoj + 44/17 - 45/14 + 45/45 + 453.43 - 2 < 11/15 + 5x/15 |
| | 1 1 13.13 - Y < 11/12 |
| | <u> bogy: < < 1/2 = 5! £! = £/ gs = (a'+p')(a'-p') + (a'+p')(a'_p') + (a' +p')(a' p')</u> |
| | = 9,2+b,2 +a,2+b,2 + b,2 > (7, = 9, b,1) |
| | < 4 11 > = 0 16t x3+12 + 06, 10 2 - 03, -103 = 0 |
| | therefore (4-92=93=b1=b2=b3=0 mening 4=6 |
| | happen pre function is as inner product C |
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| 7 | Service of a contract of the service |
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