```
1:1(1)
                                     (1-\epsilon)\|V\| \le \|f(V)\| \le (1+\epsilon)\|V\|
                            (7-8) 11 V-W11=11 f(V-W)11= 17+8) 11 V-W11
                         VW-CE= f(V). f(w) = V. V + CE : 1712 Y C 712; 17: 53
    11f (v-w)11z = 11f (n) - f (m)11z = 11f (n)11z - 5 f (n) . t (m) + 11f (m)11z = 12 f (n) . t (m) + 11f (m)11z
                                            f(n) . f(m) = ||f(n)||, + ||f(m)||, - ||f(n-m)||, : |, ~
                                     (8x NOVIN 6 St. 16(N) (9 1-5 (1/2):
    \frac{(1-\epsilon)^{2}\cdot(11\,v\,||^{2}+||w||^{2})-(1+\epsilon)^{2}||\,v-w||^{2}}{(1-\epsilon)^{2}\cdot(11\,v\,||^{2}+||w||^{2})-(1-\epsilon)^{2}||v-w||}} \leq f(v)\cdot f(w) \leq \frac{(b)}{(1+\epsilon)^{2}}\frac{(11\,v\,||^{2}+||w||^{2})-(1-\epsilon)^{2}||v-w||}{(1+\epsilon)^{2}\cdot(11\,v\,||^{2}+||w||^{2})}
1616:
(a) 1/2.[(1-E)2 (1011/4 11011/2) - (1+E)2 (110/12 + 110/11/2 - 200)] = f(v). f(w)
                (1+ E) 2. (1 N M - 1 E (11 N M + H M M ) E F (N) & (M)
(\mathfrak{b})
        f(V) \cdot f(W) \leq [(1+\epsilon)^2 (||V||^2 + ||V||^2) - (1-\epsilon)^2 (||V||^2 + ||V||^2 - 2 ||V||^2), \frac{1}{2}
         f(v). f(w) ≤ (1-E)2. V·W + 2 E (11V112 + 11W112)
          (1+\xi)^2 \cdot v \cdot w - 2\xi \left( ||v||_1 + ||w||_2 \right) \leq f(v) \cdot f(w) \leq (1-\xi)^2 \cdot v \cdot w + 2\xi \left( ||v||_2 + ||w||_2 \right) \cdot |v \cdot w|
             VW-ZE (11V112+11W112)
                                            < f(v) f(v) < V. w + 2 & (11 V112 + 11 W112)
```