cosx*cos2x*cos3x<=0
½(cos4x+cos2x)*cos2x<=0
½(2cos^2 2x+cos2x -1)*cos2x<=0
cos2x =t

(2t^2+t-1)t<=0
t=0
2t^2+t-1=0
D=1+8=9
x1=(-1+3)/4=1/2
x2=(-1-3)/4=-1
t(-oo;-1]U[0;½]
cos2x=-1
2x=p+2pk
x=p/2+pk
p/3+2pk<2x<=p/2+pk
p/6+pk<x<=p/4+pk/2
3p/2+2pk<2x<=5p/3+2pk
3p/4+pk<x<=5p/6+pk
Ответ:x=p/2+pk;3p/4+pk<x<=5p/6+pk;
p/6+pk<x<=p/4+pk/2