```
a) X(+) = A+B (OS (wo++ 0)
  E(A) = 0; E(B) = 0; Var(A) = E(A2) = 3; Var(B) = E(B2) = 4
  A me & bapinsiz
      E(A.B) = E(A).E(B) = 0
  f(0) = 1 = 0<0<TT
 [[X(+)] = E[A+Bcos(wo++0)] = E(A)+E(B). E(cos(wo++0))=0
 Rxx(+,++7) = E[(A+Bcos(wo++0))(A+Bcos(wo++wo7+0))
            = E(A2) + E[A.Bcos(wot+wo7+8)]+ E[BA cos(wo++8)]
             + E[B2 cas(wo++8) cas(wo++wo7+8)]
            = 3+4 E[Cos (wo++0) cos (wo++ wo+7+0)]
  = 3+4 E [=>(wo++Q-wo+-wo7-0)+cos(wo++Q+wo++wo7+0)]
  = 3+ 4 { E[cos(-wor)]+ E[cos(2wo++wor+201)]
  = 3+2 cos(wo7)+2 $ cos(2 wo++ wo7+20) 1 10
  = 3+ 2 cos (wor) + 4 [sin (2 wo++ wo++ 28]]
  = 3+2 LOS (WOY) = RXX (Y)
  X(+) soreci peris anlanda durapan soreatir.
b) Y(+) = sin (wo++ a)
  Rxy(+,++7) = E[{A+B cos(wo++0)}{sin(wo++wo++0)}]
= ELAJ E [sin (wot + wo 7+ Q)] + E[Bcos (wot + B)sin (wot + wo 7+Q)]=0
```