RKD Melhod 1912-0094 Uscar Almed. Initial Population = 100 P(t=2) = P(t=0) + AP - 00 initial population Eules Method: DP = Slope * Dt (t=2) = 100 + 20(5,150) $P(t=4) = P(t=2) + \Delta P$ UP = elope = r.p AP = 12 2nd 8 lope Now taking cing of both slopes

Slopelt=0 + Slopelt=2
70-112 = 11 => new 2lope
$P(t=2) = P(t=0) + \Delta P$
DP = Slope * Dt.
$00 = 11 \times 2 = 22$
P(t=2) = 100 + 22 = 122
Jete find P when st = 4
P(t=4) = P(t=2) + AP
DP = Slope * St
310pe = ++P = 0-1 x 122
$= 12 \cdot 2$
$\Delta P = 17-2\times 2 = 24-4$
P(t=4) = 122 + 24.4
= 146.4
Slope = 0.1 x +4.6 196-4
- 14.64
new slope = 14-64 + 12-2
2
= 13.42
new AP = 13-42 x 2
= 76-84
So
P(t=Y) = 122 + 96.84
= 148.84

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P(+=6) = P(+=4) + AP .. OP = Slope x 14
Slope, = 0.1 (148.84)
     = 14.88
OP = 14-88 x 2
  DP = 29.76
f(t=6) = 148.84 + 29.76
     = 178.6
Slope - r.P
 Slape, = 17.86
Teleine are of both Slopes
Cug - 14.88+ 17.86
As OP = Slope x ST
       16-37 x 2
  P(t=6) = 148.84 + 32.74
      - 181-58
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