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ME4001- 2012
Depu charge = 10t = 100 K par year
  Book value et end of year 5 = 500 k

sale = 250 k

less on sale = 250 k
      Total carh flow after Tax on the sale = 250 + 250x25)
          yearly early flow often Jox = P(17)+AT
                                         = 200 (075) + 100x 025
                                         Z 150 + 25 = 175 K
 PV gall cart / low = 1000 K
+ 175 [ Puj-15 ]-5]
                      + 312-5 [Part-15]-6
                  =-1000 + 175, 3.352
                         +312-5x +4872
                   = -1000 + 586-6 + 159-25 = -261.15 K
                  DOWN NOT MEET THERIEN.
         AC = 10K+ 4000 - 250[pap-15/-5]
                                   [CRF-18]-5]
              = 10K + [1000 - 250 x . 4872 x . 29832 K
               = 10K+[1000-121-8] +-29832 K = 272 K /myn.
         BE = Fc+Q.Vc = P.P
                 272K+4,25=940
                        154 = 272 K
                           Q = 18-13 K Herry & 18.13x18 News
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Tagneti - I loss to rozert, if Net manifactured cel the oftening -- Cort fienctions Jew " Normanak es be Her", "lower is be Her" & "lugher is be Her"

Lors =
$$K(2K-m)^2$$

 $15^2 = K(02)^2$
 $4 = 375 = 4/m^2$

4024

1 de la	Dimension	lonpart	lon for the group lon/part x n
	39.85°	3757 (19)2	15,343+ = 126.56
Ì	39-45	375 x (-05)2 = 0.9 375	27x 19345 = 23.44
	40-05	3754(03)	=28,13
	40.10	3/4 ×(+1) + 3-75	=67.5
	40.15	3757 (15) = 8 · 4 37	=101.25

Z 346.88

: Ave los / Part = \$ 346.88 = \$ 3.47

) Bath-tub aim - Nt) is time - explan the shape a to 3 sections relieblety - P(+) - Define

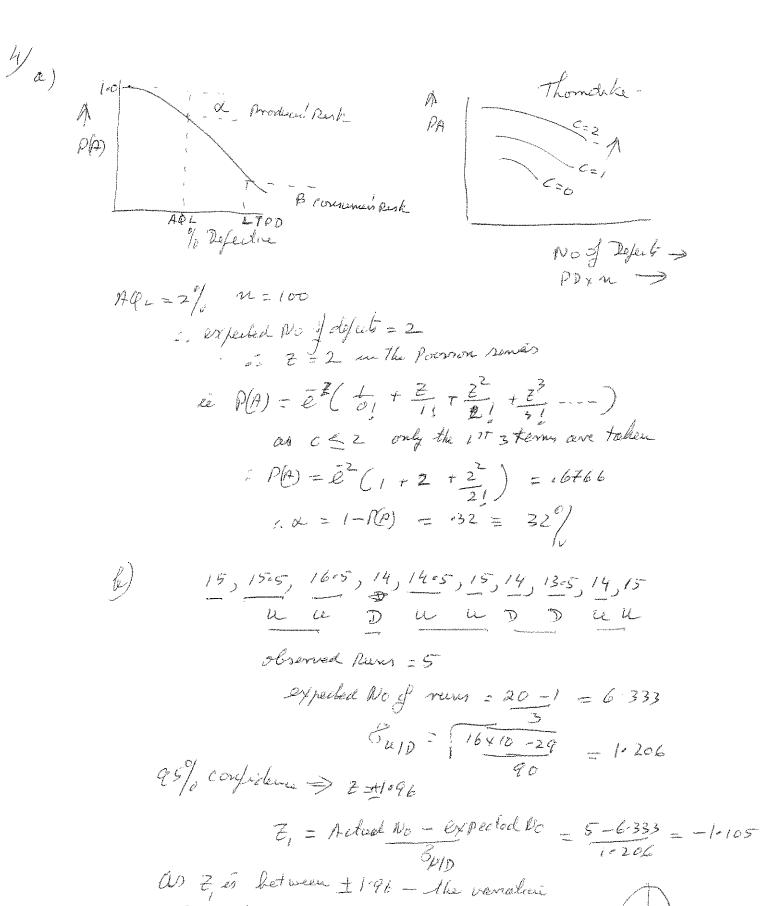
$$f(t) = \frac{1}{t_0} \left(\text{as Area and a the} \right) \frac{d(t)}{t_0}$$

$$f(t) = \frac{1}{t_0} \left(\text{as Area and a the} \right) \frac{d(t)}{t_0}$$

$$f(t) = -\frac{1}{t_0} \frac{d(t)}{dt}$$

$$f(t) =$$

GTAT. INV. 15t - used in Distribution Type inventory (Finished goods) with each stern having independent demand - top with parameter have to be calculated, for all stepper - used in Manufactury inventory with Parent items a dependent etems, used abso as a scheduling tool - only the parent item demand has to be known, the dependent demand a worked at using \$64 has to be known, the dependent demand a property Prove P = (2d(csn+CsA)
4 (d/p+1) = rock LEVEL A =10,000 Gn = 1500 retor d = 1,000 (st = 2000 (Transport) Gt = 25 x 26 x 1 = to-125/wh = (2. 1000 (1500 + 2000) -125 (1000 +1) = 7135 Hens 70 CHIN = Of CA (Q+1) + d (CSM T CSA) $= 7135 \times 125 (141) + 1000 (1500 + 2000) = 490.53 + 490.53$ $= 7135 \times 125 (141) + 1000 (1500 + 2000) = 981.06$ Total cut = MA+Cm = 25000, 98106 = 25981-06 Allowable varation = 981.06 x 1. 981-06 x 1-1 = Q (-125 x 101) + 1000 (3500) Q=-15696 Q +50.09 × 106 =0 Q=15696 + (15969 - 4x509x106 = 15696 <u>T 6 5 39</u> = 4578 or 11117 Prod. Range



is due to Random Carerer.

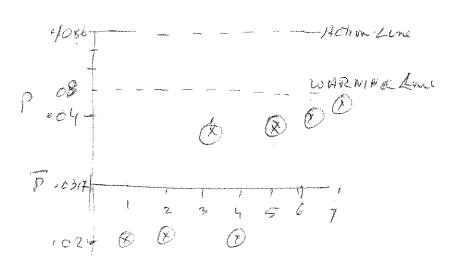
malari -1.96 +1.96

Total No of defect =
$$1+1+2+1+2+1+2=11$$

11 11 of Hem = 347

$$= \frac{17}{347} = .0317 = 6 = \sqrt{\frac{.0317(1-.0317)}{347/7}}$$
 $P_1 = \frac{1}{50} = .02$
 $P_4 = \frac{1}{48} = \frac{.02083}{71} = \frac{.02083}{.02488}$
 $P_2 = \frac{1}{48} = .02083$
 $P_3 = \frac{1}{51} = .03846$
 $P_4 = \frac{1}{48} = \frac{.03921}{.03946}$
 $P_4 = \frac{1}{48} = .0466$

within Control but Trend up varies lower leves Not Required



Fixed pontion

(Line production / Line Layout / Product layout

Batch Production / Process layout

Cell Layout / group Tech layout

FMC / FMS

Continuous production (Chemical plant)

Continuous production (Chemical plant)

Product when, Prod Planning & Control

WIP, Guentions, Prod Planning & Control

Nelectures / Types of lakour / supervision.

Misamini

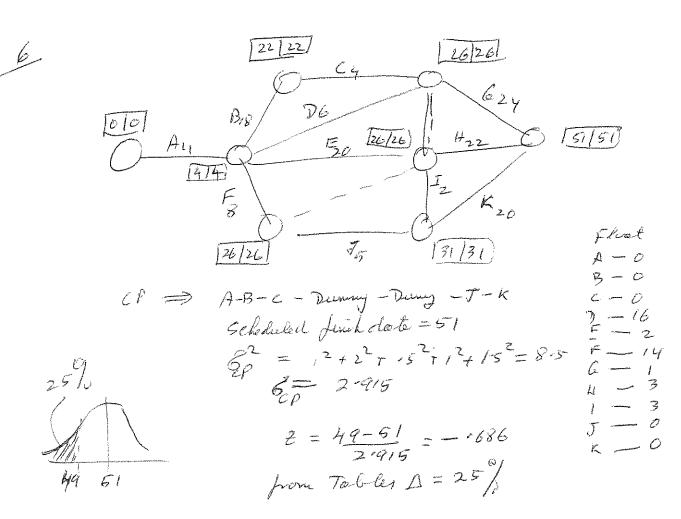
Types of Machinery kined / Cost of setting up

Types of Machinery kined / Cost of setting up

Capital Cost / B/D & Maintenance

Product variety / volume Atc

Product variety / volume Atc



Activities on CP have the shortened.

Lowert evant cost is on K (#80); reduce K by I day.

Now Path A-B-C-G is also entical, Hence Activities A, B, C at have to be considered.

The lowest cost is on A (40) them B (46) . Circle Time Jan A is 3 hence A reduced by I day only +

B is reduced by 2 days (as the Float on to is 2 }.

Path A-F- will also go endeal).

Total cost = 80 +96 + 2×96 = € 360

14x-1=7

all + He oftener reached

H

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SHADOW (1) (8) cont Matria 8. 2. (F) 2 B

The albertin potanijacture a Transport plan

•		1			
	A	B) c		* Company
141	50	100 (1		150	100
JH 2	2005	1.2	-a		
Mz		150	350		

(ot = 50x8 + 200x5 + 100x11 + 150x7 + 350x4 + 150x6 = 400 + 1000 + 1100 + 1050 + 1400 + 900 = £5850