Length of action Z Pining + \(\(\delta\p\ + \ap\) - \(\delta\p\) - \(\delta\p\) sin &

Contact ratio = Za

Circular pitch
on base circle

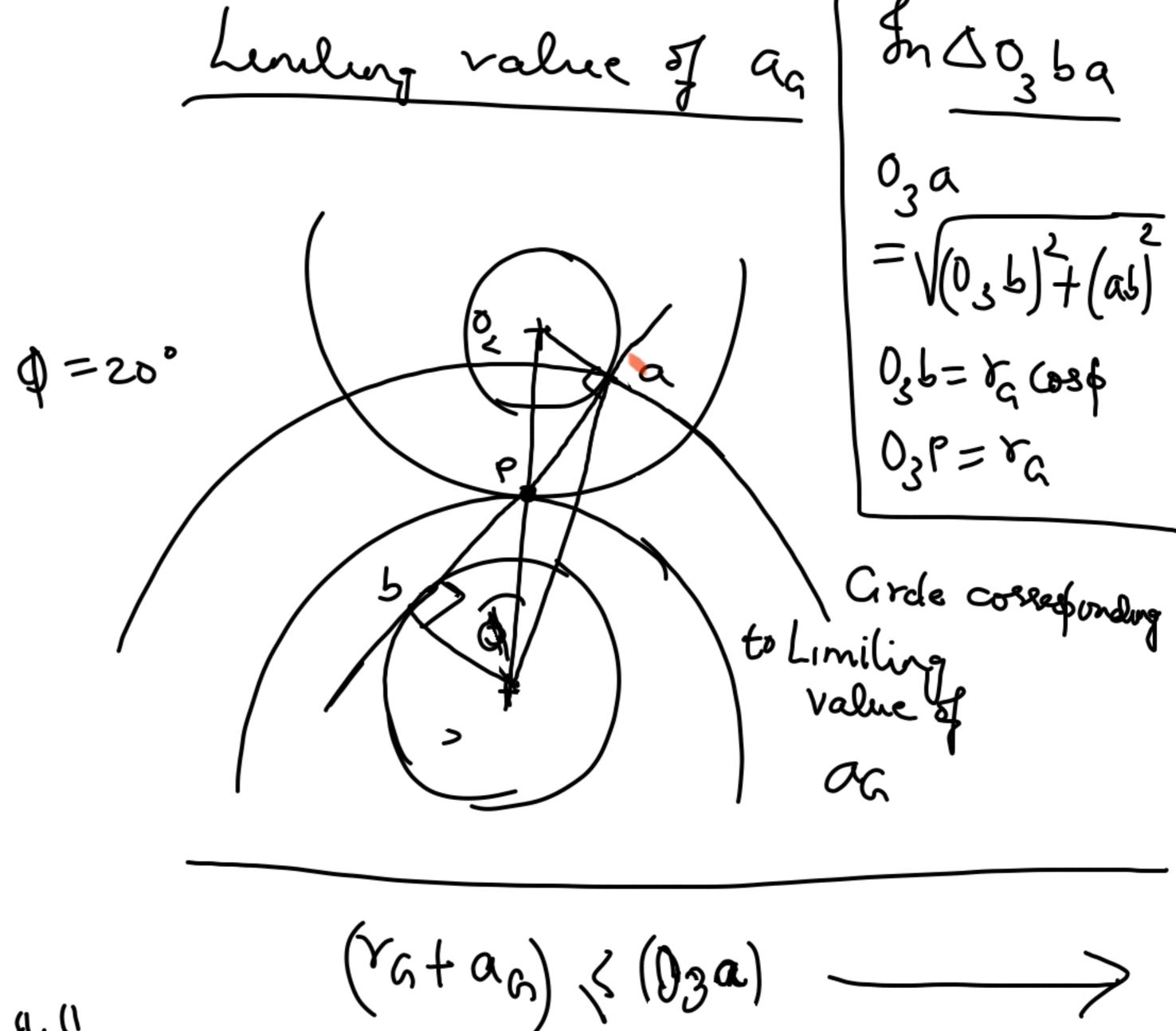
(3 × × /N °)

By default: $a_G = a_P$ All length dimensions are

expressed as multiple of module

"m"

 $\alpha_G = \alpha_p = f m$ f is a real number positive The lumbing value for addendum corresponds to the the points 9 and R Coinciding with points "a" and b respectively. Since of 2 or sa=ap; Queil courcide with "all before R can coinade with 6"



$$ab = ap + pb$$

$$= (0_2 p Sin \phi)$$

$$+ (0_3 p Sin \phi)$$

$$= (2 + 2 p) Sin \phi$$

$$= \sqrt{(x_{G}\cos \phi)^{2}} + (x_{G}+x_{P})\sin^{2}\phi$$

$$= \sqrt{(x_{G}+x_{P})\sin^{2}\phi}$$

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$$a_{G} = f = f \quad Pitch \quad Circle \quad dia$$

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$$a_{G} = f \quad (2r_{G}) = f \quad (2r_{P})$$

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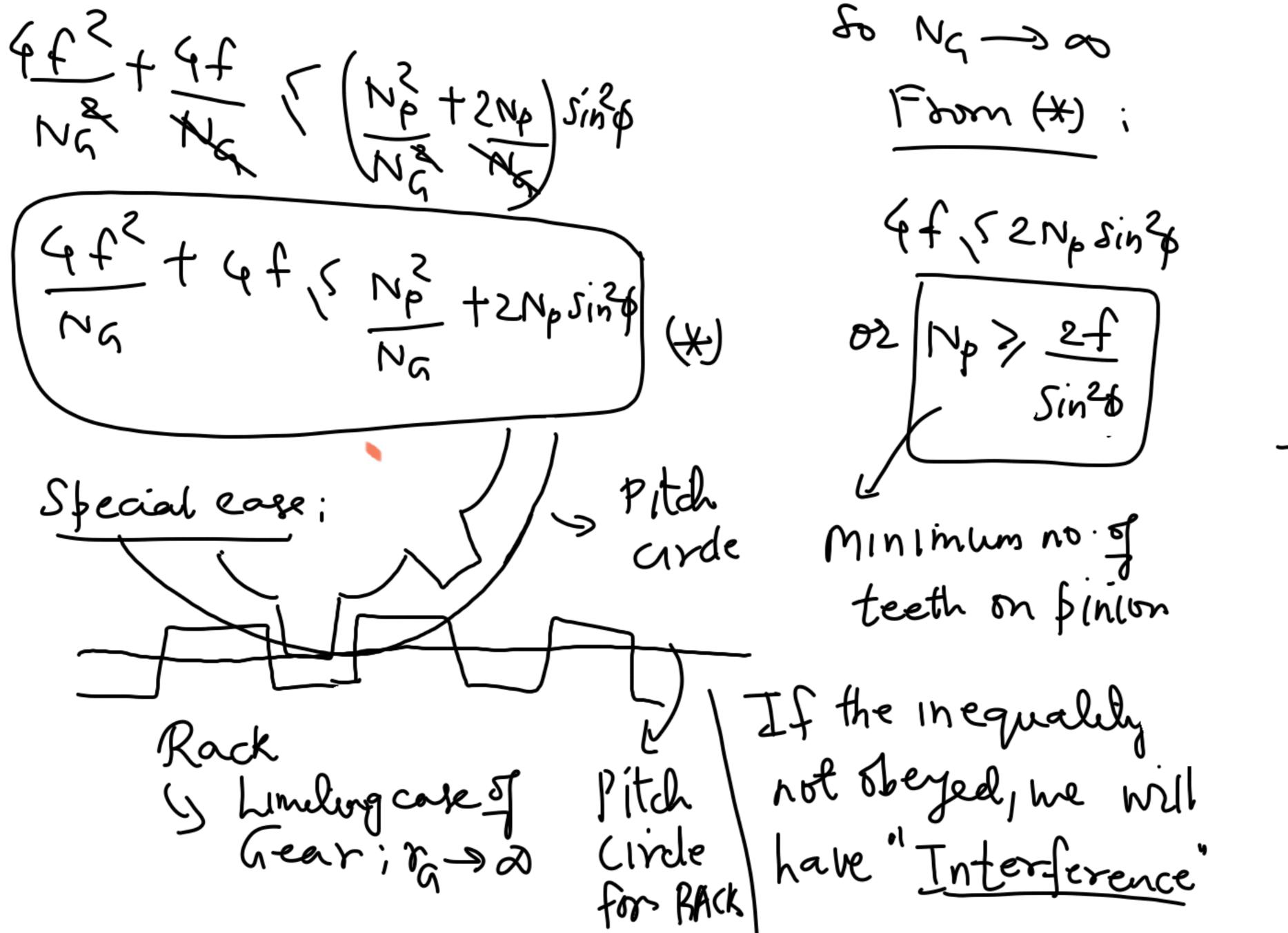
$$n_{G} = f \quad (2r_{G}) = f \quad (2r_{P})$$

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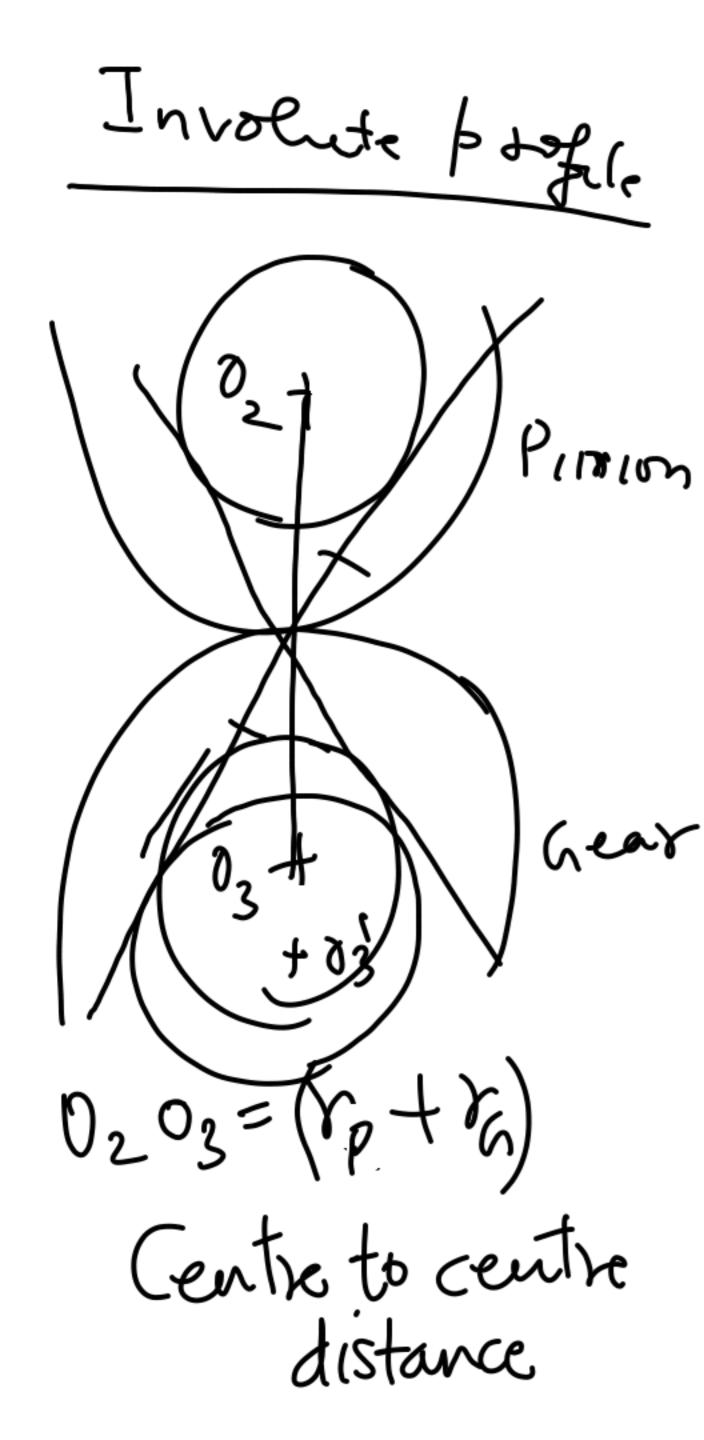
$$n_{G} = f \quad ($$

22+(22+226)>in26

(24+2) / 24+(26+5262) 21434 ant 12 + 200 15 (5) 2 + (4) 3+ 27 p/5) sing Divide both sides by 22 $\left(\frac{3c}{3c}\right)^{2} + 2\left(\frac{3c}{3c}\right)^{2} + \left(\frac{3c}{3c}\right)^{2} + 2\frac{3c}{3c}$ $\frac{\alpha_S}{\alpha_S} = \frac{fm}{\kappa_S} = \frac{f^2 + \frac{1}{\kappa_S}}{\kappa_S} = \frac{2f}{\kappa_S}$



is missing



Even if we mosely 0203, we will have conjugate action. Side effect: Value of 9, 8, 7, will Change. So also Length of action; In volute profiles are préferred.

Changing oz oz a one way to avoid viterference. Another way would be to use mequal addendum. i.e. as fap Stændard Gears may not have the Motion.