

have va, thus D

$$(r_b - (gT)^2 + ET^2 = (r_b + r_e)^2$$

 $(r_c + GT)^2 + ET^2 = (r_c + r_e)^2$

$$\sqrt{6} + 6I^{2} - 2r_{6}EI + EI^{2} = r_{6}^{2} + 2r_{6}r_{6} + r_{6}^{2} \qquad (1)$$

$$r_{c}^{2} + G_{c}^{2} + 2r_{6}GI + EI^{2} = \sqrt{2} + 2r_{6}r_{6} + r_{6}^{2} \qquad (2)$$

$$2(r_{c} + r_{6})GI = 2(r_{c} - r_{6})r_{6}$$

$$I_{e} = \frac{r_{c} + r_{b}}{r_{c} - r_{b}}GI$$

[alig B at evision,

$$\chi_{E}^{2} + y_{E}^{2} = (r_{b} + r_{e})^{2}$$

(1)

 $(\chi_{E} - \chi_{D})^{2} + (y_{A} - y_{E})^{2} = (r_{a} + r_{e})^{2}$

(2)

 $\chi_{C}^{2} \cdot v_{b} \cdot v_{c}$
 $(\chi_{C} - \chi_{E})^{2} + y_{E}^{2} = (r_{c} + r_{e})^{2}$

(3)

 $\chi_{C}^{2} + \chi_{E}^{2} - 2\chi_{c}\chi_{e} + y_{E}^{2} = \tilde{\gamma}_{c}^{2} + r_{e}^{2} + 2r_{c}r_{e}$

(3)

 $\chi_{E}^{2} + \chi_{E}^{2} - 2\chi_{c}\chi_{e} + y_{E}^{2} = \tilde{\gamma}_{c}^{2} + r_{e}^{2} + 2r_{b}r_{e}$

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(2)

Just use Dexartes them instead

he = ka+ks+kc + 2 [k,kz+kzks+ksk,

Take the larger solution because we want the circle with smaller radius (externally tangent).