(2) Aux différents points de contact (A,B,c,D,E,F) sur les 6 coordonnées du tous eur, il y a 5 incommues. A l'aide de la relation de Varignon il et possible d'établei 5 relations. [A,B] [A,C] [A,O] [A,E],[A,F] donc potentiellement 5 équations.

[W/2] = { ad | fe a | of ce |

$$\begin{cases} SUnx = \frac{fe}{a} - y = \frac{e}{a} = \frac{e}{a} (f - y) \\ SUny = \frac{xe}{a} + \frac{ce}{ad3} = \frac{e}{a} (x - 3f) \\ SUny = -\frac{fce}{ad} + y = \frac{ce}{ad} = \frac{ce}{ad} (y - f) \end{cases}$$

$$S\Theta_{\infty} = \frac{ce}{ad} = \frac{40 \times 1}{77 \times 46} \rightarrow 0,647$$

$$SU_{H_2} = -2,18 \, \text{mm}$$
.
 $SU_{H_3} = -0,58 \, \text{mm}$
 $SU_{H_3} = 1,80 \, \text{mm}$

Liaison de Boys

$$SU_{A} = SU_{D} + AB \wedge SO_{A/a}$$

$$|a| |b| c > 100^{\circ} |-x + r c > 100^{\circ} |SE$$

$$\begin{vmatrix} a & b & c & 160° \\ 0 & = & b & mi & 120 \\ a & 0 & n & 0 \end{vmatrix} = \frac{\pi + r \cos 160°}{\Lambda \left[\frac{50}{2} \right]}$$

On obtient donc 3 équations

$$\begin{cases} a = -\frac{b}{2} + r \frac{\sqrt{3}}{2} S\theta_{3} & 0 \\ 0 = b \frac{\sqrt{3}}{2} + \frac{3r}{2} S\theta_{3} & 0 \end{cases}$$

On obtient alons 3 équations.

$$\begin{cases} Q = -\frac{C}{2} - r\frac{\sqrt{3}}{2} S \theta_{3} & G \\ Q = -\frac{C}{2} - r\frac{\sqrt{3}}{2} S \theta_{3} & G \end{cases}$$

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$$\begin{cases} Q = -\frac{C}{2} - r\frac{\sqrt{3$$

$$\boxed{5} \longrightarrow c = \frac{3r502}{\sqrt{3}}$$

(1) --
$$\alpha = -\frac{1}{2} \left(\frac{3}{503} \right) + \frac{r\sqrt{3}}{2} 503$$

(4) -- $\alpha = -\frac{1}{2} \left(\frac{3r 503}{3\sqrt{3}} \right) - \frac{r\sqrt{3}}{2} 503$

(4) -,
$$\alpha = -\frac{1}{2} \left(\frac{3 - 503}{3 \sqrt{3}} \right) - \frac{-\sqrt{3}}{2} 503$$

Liaison de Kelveri

en
$$A = -\frac{\left(\frac{10x}{R}\right)^{2}}{A\left(\frac{50y}{80y}\right)} \left(\frac{xA}{A}\right)$$
 liaion parduelle

$$= | \frac{1}{3} \frac{1}{3} \frac{1}{3} + | \frac{1}{3} \frac{1}$$

(3)
$$0 = -a \delta \theta y - b \delta \theta x$$
. $) \rightarrow (c+)) \delta \theta x = 0$

$$done \delta \theta x = 0$$

$$done \delta \theta x = 0$$