

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Teilfläche	\bar{x}_{Si}	\bar{y}_{Si}	A_i	$\bar{x}_{Si}A_i$	$\bar{y}_{Si}A_i$	I_{xxi}	I_{yyi}	I_{xyi}	$\bar{y}_{Si}^2A_i$	$\bar{x}_{Si}^2A_i$	$-\bar{x}_{Si}\bar{y}_{Si}A_i$	$I_{\bar{x}\bar{x}i}$	$I_{\bar{y}\bar{y}i}$	$I_{\bar{x}\bar{y}i}$
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
Σ			0	0	0							0	0	0

$$\bar{x}_S = \frac{\sum_{i=1}^n \bar{x}_{Si} dA}{\sum_{i=1}^n A_i} =$$

$$\bar{y}_S = \frac{\sum_{i=1}^n \bar{y}_{Si} A_i}{\sum_{i=1}^n A_i} =$$

$$I_{xx} = I_{\bar{x}\bar{x}} - \bar{y}_S^2 A =$$

$$I_{yy} = I_{\bar{y}\bar{y}} - \bar{x}_S^2 A =$$

$$I_{xy} = I_{\bar{x}\bar{y}} + \bar{x}_S \bar{y}_S A =$$