Table 19.1 Model parameters for transforming from measured to tangential coordinates

Measured to tangential	Term in x	Term in y
Zero point	c_x	c_y
Scale	$a_x \cdot x$	$a_y \cdot y$
Orientation	$b_x \cdot y$	$b_y \cdot x$
Plate tilt	$p \cdot x(x+y)$	$q \cdot y(x+y)$
OFAD	$x \cdot (d_1x^2 + d_2xy + d_3y^2)$	$y \cdot (d_1x^2 + d_2xy + d_3y^2)$
Magnitude equation	$m_x \cdot$ mag	$m_y \cdot$ mag
Coma	$e_x \cdot$ mag$\cdot x$	$e_y \cdot$ mag$\cdot y$
Color index (ci)	$f_x \cdot ci$	$f_y \cdot ci$
Color magnification	$g_x \cdot x \cdot ci$	$g_y \cdot y \cdot ci$
Mask	$\text{mask}_x(x, y)$	$\text{mask}_y(x, y)$