

	Δz	Δr	$\Delta\phi$
	<i>z expansion</i>	<i>bowing</i>	<i>twist</i>
vs. z	$\Delta z = \epsilon z$	$\Delta r = \epsilon r (z_0^2 - z^2)$	$\Delta\phi = \epsilon z$
	overlap	overlap	$Z \rightarrow \mu\mu$
	<i>telescope</i>	<i>radial</i>	<i>layer rotation</i>
vs. r	$\Delta z = \epsilon r$	$\Delta r = \epsilon r$	$\Delta\phi = \epsilon r$
	cosmics	overlap	cosmics
	<i>skew</i>	<i>elliptical</i>	<i>sagitta</i>
vs. ϕ	$\Delta z = \epsilon \cos(\phi + \phi_0)$	$\Delta r = \epsilon r \cos(2\phi + 2\phi_0)$	$\Delta\phi = \epsilon \cos(\phi + \phi_0)$
	cosmics	cosmics	cosmics