

standard form X	condition	direction $\mathbf{E}\infty$	location	sq. size
direction $\mathbf{E}\infty$	$\infty \wedge X = 0$ $\infty \rfloor X = 0$	X	none	none
dual direction $-\mathbf{E}^*\infty$	$\infty \wedge X = 0$ $\infty \rfloor X = 0$	X^{-*}	none	none
flat $\mathsf{T}_{\mathbf{p}}[o \wedge (\mathbf{E}\infty)]$	$\infty \wedge X = 0$ $\infty \rfloor X \neq 0$	$-\infty \rfloor X$	$(q \rfloor X)/X$	none
dual flat $\mathsf{T}_{\mathbf{p}}[\widehat{\mathbf{E}}^*]$	$\infty \wedge X \neq 0$ $\infty \rfloor X = 0$	$-\infty \rfloor X^{-*}$	$(q \wedge X)/X$	none
tangent $\mathsf{T}_{\mathbf{p}}[o \mathbf{E}]$	$\infty \wedge X \neq 0$ $\infty \rfloor X \neq 0$ $X^2 = 0$	$(-\infty \rfloor X) \wedge \infty$	$\frac{X}{-\infty \rfloor X}$	0
dual tangent $\mathsf{T}_{\mathbf{p}}[o \mathbf{E}^*(-1)^n]$	$\infty \wedge X \neq 0$ $\infty \rfloor X \neq 0$ $X^2 = 0$	$(-\infty \rfloor X^{-*}) \wedge \infty$	$\frac{X}{-\infty \rfloor X}$	0
round $\mathsf{T}_{\mathbf{p}}[(o + \frac{1}{2}\rho^2\infty) \mathbf{E}]$	$\infty \wedge X \neq 0$ $\infty \rfloor X \neq 0$ $X^2 \neq 0$	$(-\infty \rfloor X) \wedge \infty$	$\frac{X}{-\infty \rfloor X}$ or $-\frac{1}{2} \frac{X \infty X}{(\infty \rfloor X)^2}$	$\rho^2 = \frac{X \hat{X}}{(\infty \rfloor X)^2}$
dual round $\mathsf{T}_{\mathbf{p}}[(o - \frac{1}{2}\rho^2\infty) \mathbf{E}^*(-1)^n]$	$\infty \wedge X \neq 0$ $\infty \rfloor X \neq 0$ $X^2 \neq 0$	$(-\infty \rfloor X^{-*}) \wedge \infty$	$\frac{X}{-\infty \rfloor X}$ or $-\frac{1}{2} \frac{X \infty X}{(\infty \rfloor X)^2}$	$\rho^2 = -\frac{X \hat{X}}{(\infty \rfloor X)^2}$

Table 14.1 — corrected