



ELSEVIER

Erratum to “Fast vertex fitting with a local parametrization of tracks”

[Nucl. Instr. and Meth. A 311 (1992) 139–150]

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A sign error has occurred in Eq. (11) of the above mentioned article. The corrected Eq. (11) is

$\partial \downarrow / \partial \rightarrow$	x_v	y_v	z_v	θ	ϕ_v	ρ
ϵ	s	$-c$	0	0	Q	$-Q^2/2$
z_p	$-tc$	$-ts$	1	$Q(1+t^2)$	$-Rt$	QRt
ϕ_p	$-\rho c$	$-\rho s$	0	0	1	$-Q$
	<i>D matrix</i>			<i>E matrix</i>		

the element $\partial z_p / \partial \theta$ in the *E* matrix was $-Q(1+t^2)$ of which the sign was wrong and is corrected now.

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