

[Pierseaux, Yves](#)

Einstein and Poincaré: The “fine structure” of special relativity. (Einstein et Poincaré: La “structure fine” de la relativité restreinte.) (French) [Zbl 0957.01013](#)
[Rev. Quest. Sci. 170, No. 3, 283-302 \(1999\)](#).

This discusses the two writers’ different relativity principles; their Lorentz transformations; the rigid and deformable rods; measurement-unit-identity and contraction; rest time versus true and local times; events; and brings out the differences between them and their implications, particularly about the dependence of the length scale on position and velocity.

Reviewer: [James J.Cross \(Parkville\)](#)

MSC:

[01A60](#) History of mathematics in the 20th century
[83-03](#) History of relativity and gravitational theory

Keywords:

[Einstein](#); [Poincaré](#); [special relativity](#); [axiomatics](#)