## 1166-57-166 **Patricia Cahn\***, Smith College, Northampton, MA 01063, and **Vladimir Chernov**. Loose Legendrian and Pseudo-Legendrian Knots in 3-Manifolds.

We prove a complete classification theorem for loose Legendrian knots in an oriented 3-manifold M, generalizing results of Dymara and Ding-Geiges. Our approach is to classify knots in a 3-manifold that are transverse to a nowhere-zero vector field V, up to the corresponding isotopy relation. Such knots are called V-transverse. We study an analog of Legendrian simplicity for V-transverse knots. We then give examples of pairs (M, V) containing knot types which are not V-transversely simple, as well as conditions on (M, V) which guarantee that all knot types in (M, V) are V-transversely simple. (Received February 16, 2021)