1048-12-62   **Arne Ledet*** (`arne.ledet@ttu.edu`), Department of Mathematics and Statistics, Texas Tech University, Lubbock, TX 79409-1042. Spin$_7$ *as a differential Galois group.* Preliminary report.

We consider Picard-Vessiot extensions in characteristic 0 with differential Galois group Spin$_7$, with the objective of giving a 'generic' description of such extensions. (Received January 20, 2009)