

Meeting: 1006, Lubbock, Texas, SS 3A, Special Session on Classical and Differential Galois Theory

1006-12-204 **Zbigniew Hajto*** (rmhajto@cyf-kr.edu.pl), ul. Czarnowiejska 41/65, 30 049 Krakow, Poland, Cracow, Poland, and **Teresa Crespo**. *Galois embedding problems and symmetric powers*.

We consider a Galois embedding problem given by a finite projective group and its special linear lifting. We give an equivalent condition to the solvability of such an embedding problem and a method of construction of its solutions. (Received February 15, 2005)