Comparison *Theory* and *Experiment:*

g = 2	P.A.M. Dirac, 1928
+ 0,002 319 304 377	QED of free electron, Dehmelt 1987
- 0,001 278 645 8	relativistic correction in C^{5+}
+0,000 000 844 4	bound-state QED, 1st order in α
+0,000 000 087 5	nuclear recoil effect
+0,000 000 000 4	nuclear volume effect
2,001 041 590 9 (21)(50)	theory, T. Beier et al., 1999
2,001 041 596 4 (8)(6)(44)	our measurement on C^{5+}, 1999

(statistics) (systematics) (electron mass, Van Dyck 1995)