

# **Table of Contents for MEMO/247/1171**

## **Intersection Local Times, Loop Soups and Permanental Wick Powers**

- Introduction
- Loop measures and renormalized intersection local times
- Continuity of intersection local time processes
- Loop soup and permanental chaos
- Isomorphism Theorem I
- Permanental Wick powers
- Poisson chaos decomposition, I
- Loop soup decomposition of permanental Wick powers
- Poisson chaos decomposition, II
- Convolutions of regularly varying functions
- References