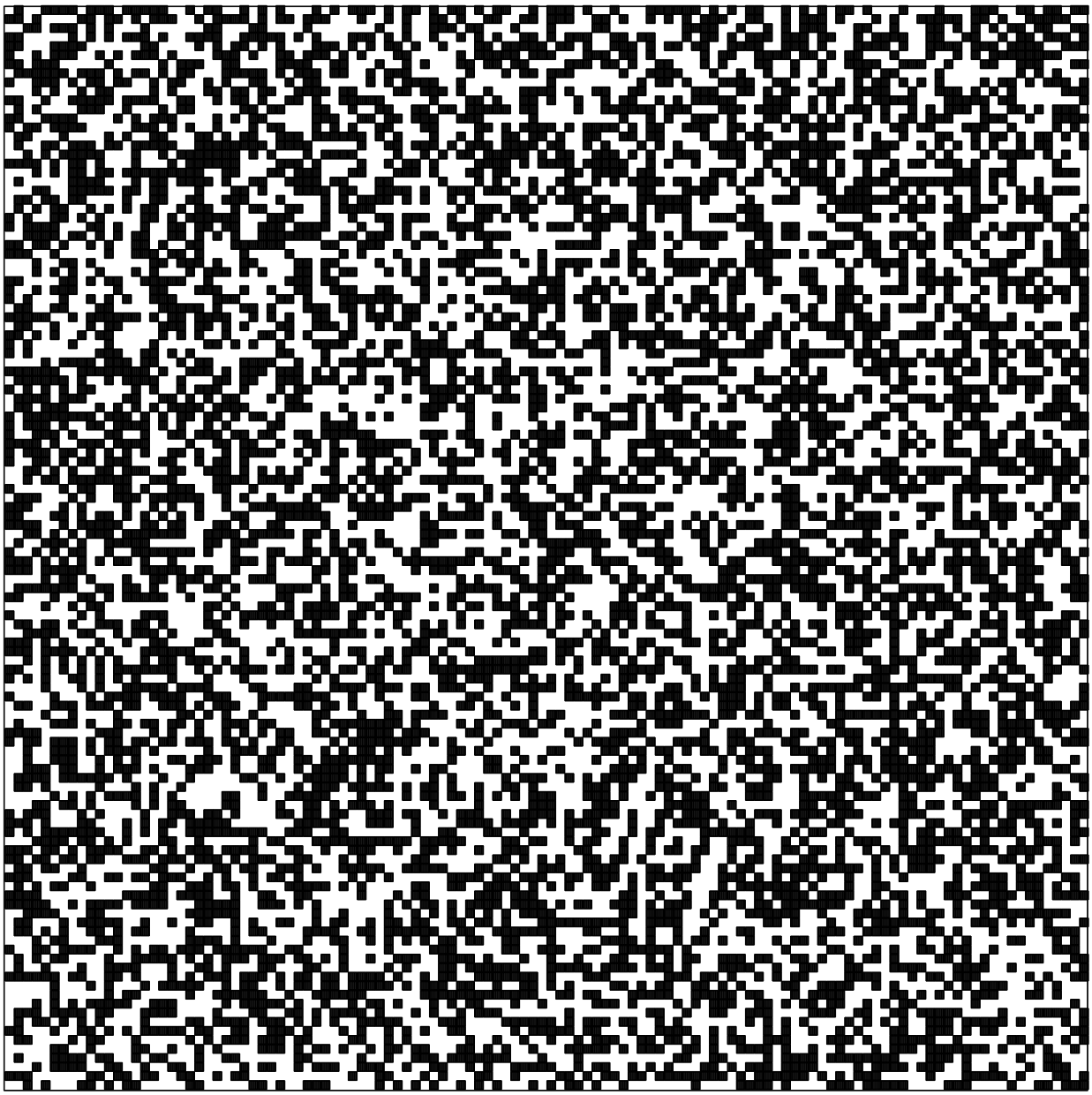corrected RCARRY