UCL Department of Computer Science
CS M038/GZ06: Mobile and Cloud Computing
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One-pager: Taking the Sting out of Carrier Sense: Interference Cancellation for Wireless LANs
(Halperin *et al.*, 2008)   **Due: Start of lecture, 22nd February 2013**

Instructions: **in your own words,** *answer the following questions as* **succinctly** *as possible (in 200–500 words total, but shorter answers within this range are encouraged). Quoting figures or text from the assigned reading or from any other source is specifically prohibited.*

In today's paper, Halperin evaluates a resynchronizing receiver as well as a "conventional" receiver. In practice, is the ability of a receiver to resynchronize a prerequisite for the SIC algorithm to function in all circumstances? If so, describe why. If not, describe the circumstances for which resynchronization is necessary and not necessary for the SIC algorithm to function.