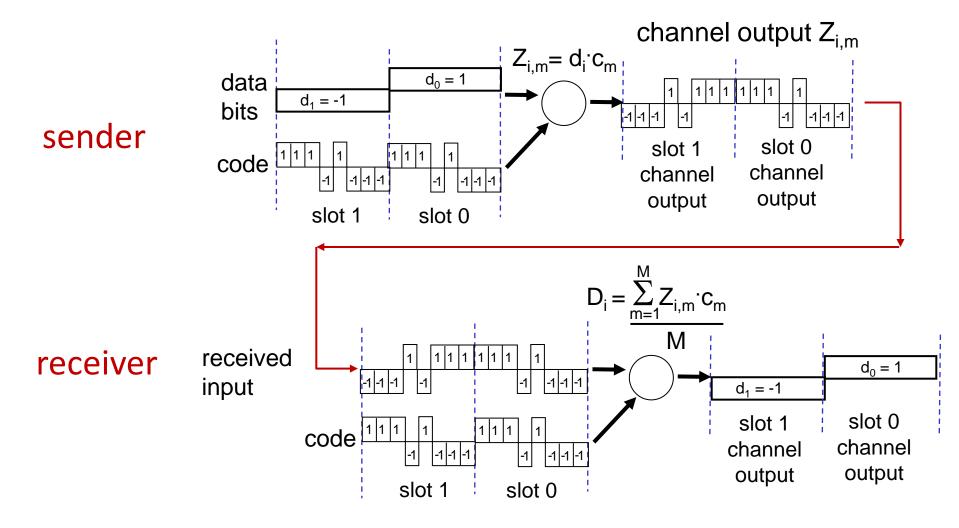
Code Division Multiple Access (CDMA)

- unique "code" assigned to each user; i.e., code set partitioning
 - all users share same frequency, but each user has own "chipping" sequence (i.e., code) to encode data
 - allows multiple users to "coexist" and transmit simultaneously with minimal interference (if codes are "orthogonal")
- encoding: inner product: (original data) X (chipping sequence)
- decoding: summed inner-product: (encoded data) X (chipping sequence)

CDMA encode/decode



... but this isn't really useful yet!

CDMA: two-sender interference

