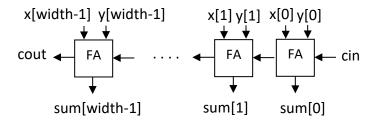
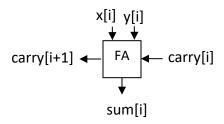
## Basic ripple-carry structure



## Pattern described with "for generate"



## Resulting circuit

