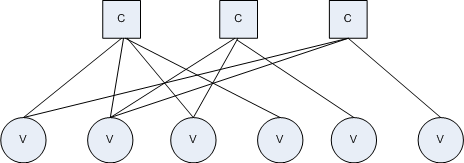


LLR

msg

msg

new LLR



msg

msg

1. Initialization: For

1. Update CN: do

where

1. Update VN:

1. Update a posteriori LLR:
2. Repeat from (2) to (4) until the maximum number of

iteration is reached, the estimated codeword is then

given by:

|  |  |
| --- | --- |
| Algorithm |  |
| SP |  |
| MS |  |
| OMS |  |
| NMS |  |