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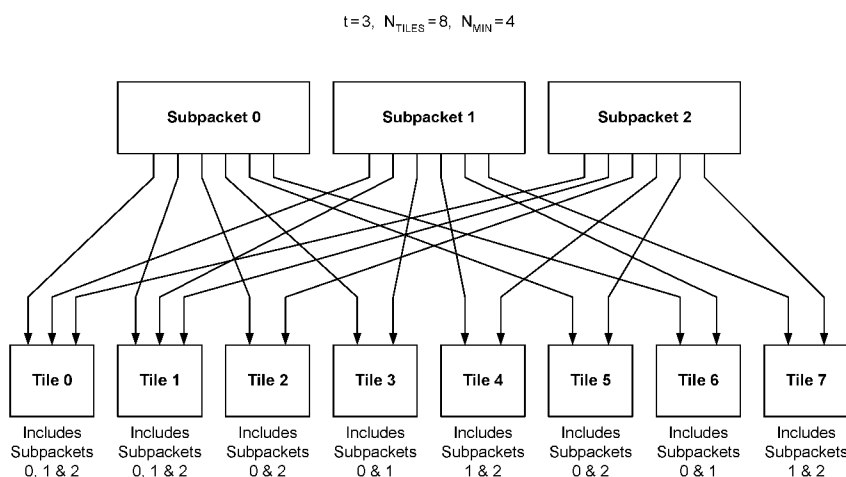
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(54) Title: MAPPING OF SUBPACKETS TO RESOURCES IN A COMMUNICATION SYSTEM



(57) Abstract: Techniques for transmitting data in a communication system are described. A packet may be partitioned into multiple subpackets, and each subpacket may be encoded separately. The subpackets may be mapped to resources assigned for transmission of the packet, with at least one subpacket being mapped to a subset of the assigned resources. The assigned resources may include multiple tiles, with each tile corresponding to a block of time frequency resources. The subpackets may be mapped to the tiles such that (i) the subpackets are mapped to equal number of tiles to achieve similar decoding performance, (ii) each subpacket is mapped to at least  $N_{\text{MIN}}$  tiles, if available, to achieve a certain minimum diversity order for the subpacket, and/or (iii) each subpacket is mapped to a subset of the multiple tiles, if possible, so that the subpacket can be decoded without having to demodulate all of the tiles.

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**Declarations under Rule 4.17:**

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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