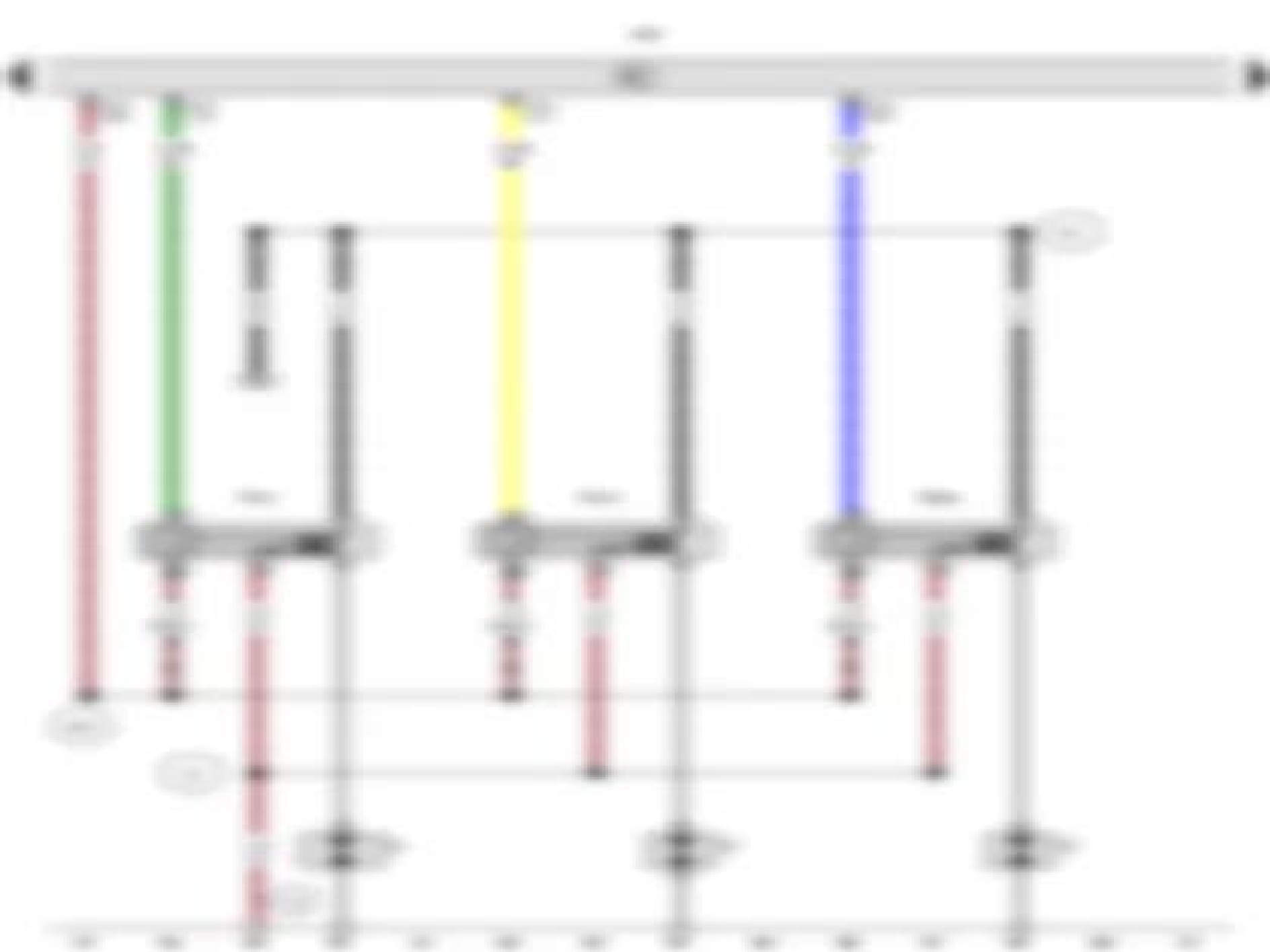




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a geometric sequence can be increasing $r > 1$ or decreasing $0 < r < 1$

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