禪

[illegible]

[illegible]

[illegible]

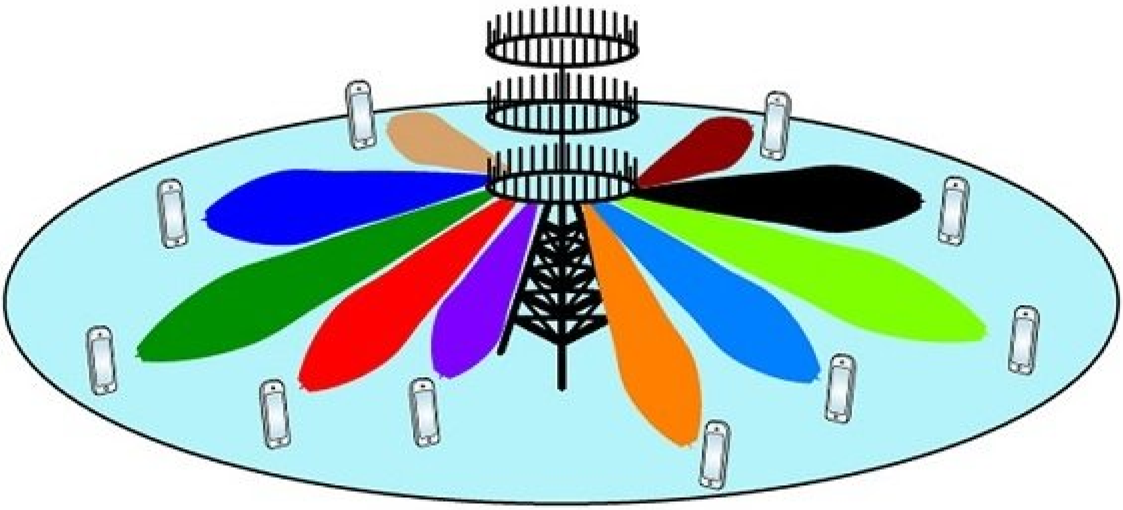
massive) «[illegible]» [illegible] (MIMO [illegible]

[illegible]

[illegible]

«[illegible] :5G» [illegible] :[illegible]

[illegible] MIMO [illegible] «[illegible]» (beamforming) [illegible] (beams) [illegible]



[illegible] (small cell) [illegible] GPS [illegible]

[illegible]

[illegible]

[illegible] 5G

[illegible]

[illegible] (uplink control channel) [illegible] (3G) [illegible] (4G) [illegible].

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[illegible]

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[illegible]

[illegible]

[illegible]

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5G - [illegible] - [illegible] - [illegible] - [illegible]

[illegible]

[illegible]:https://www.shabakeh-mag.com/mobile/13780/%DB%8C%D8%A7%D8%AF%DA%AF%DB%8C%D8%B1%DB%8C-%D9%85%D8%A7%D8%B4%DB%8C%D9%86-%D8%AF%D8%B1-%D8%B4%D8%A8%DA%A9%D9%87%E2%80%8C%D9%87%D8%A7%DB%8C-%D9%85%D9%88%D8%A8%D8%A7%DB%8C%D9%84-%D9%86%D8%B3%D9%84-%D8%A2%DB%8C%D9%86%D8%AF%D9%87