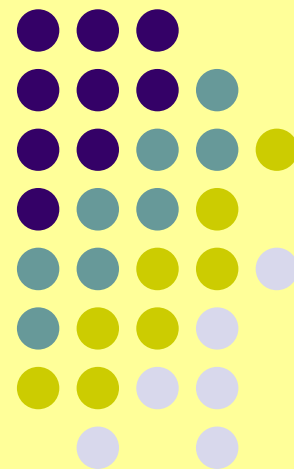


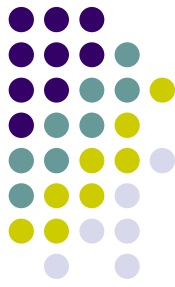
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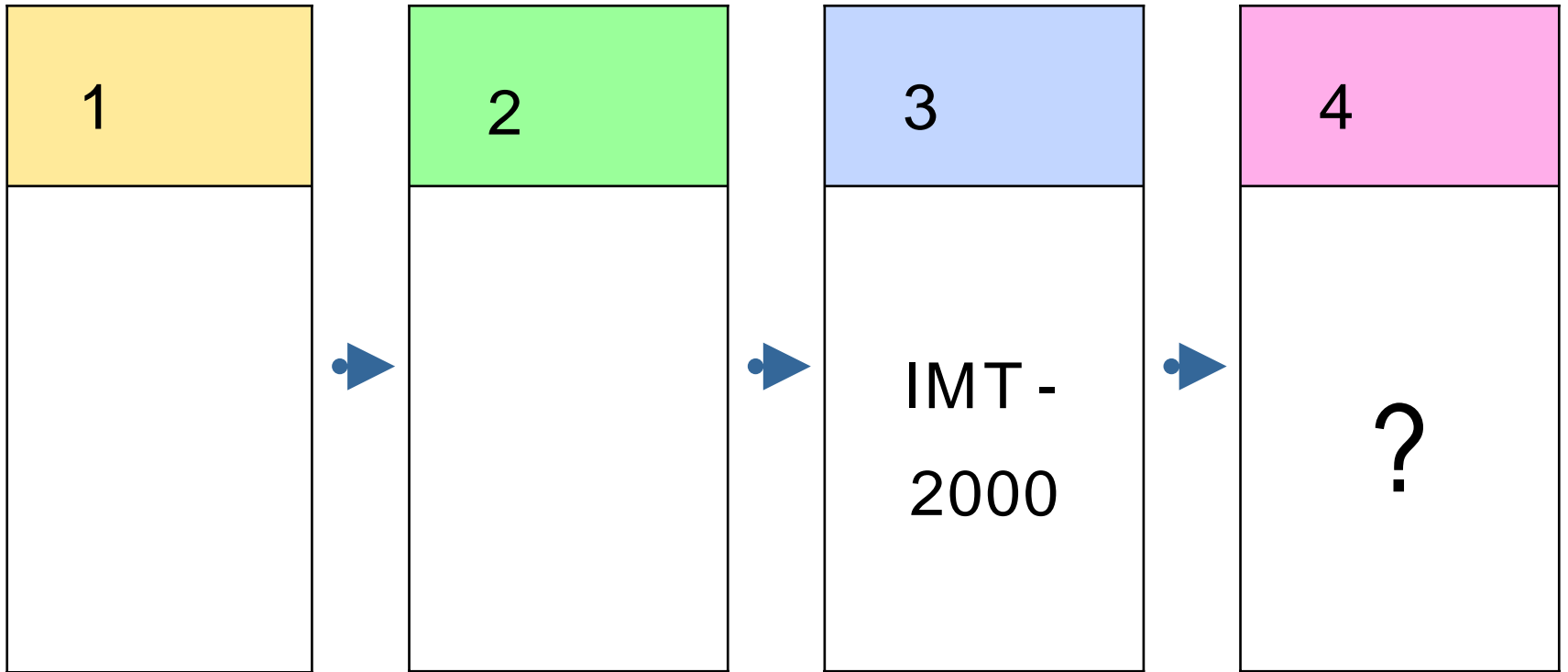
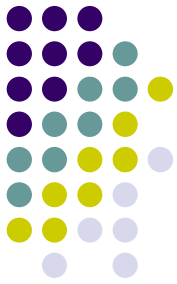




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1 ~ 3



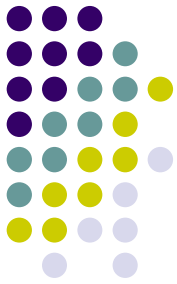
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- IMT - 2000

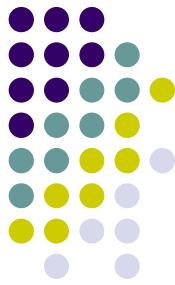
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3 vs 4

	3	4
	() 2Mbps () 384Kbps	(.) 1Gbps () 100Mbps
	2 GHz	3 - 60 GHz
	ATM	



4세대 이동통신 개념도

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4세대 이동통신 개념도



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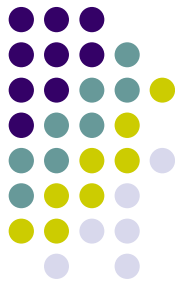
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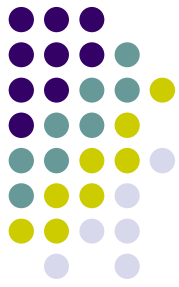


IP

- OFDM
(Orthogonal Frequency Division Multiplex)
- MIMO (Multi Input Multi Output)
-
- TDD (Time Division Duplex)
- SDR (Software Defined Radio)
-



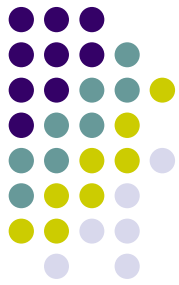
Light green background	NTT 200
Light red background	
Light green background	WWRF
Light purple background	, LG , SK , KT 18 가



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SAMSUNG 4G Forum 2005

4G

2005

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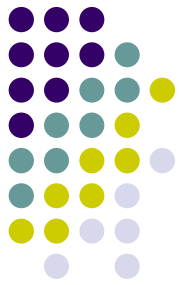
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- : 2007 ~ 2010
- : 2010





- , “ ()”, Aug. 2003
- 4, “4”
- ATT 85 , Feb, 2003
- 2, “4”
- , Out, 2003