



Predavanje

New nano-structured alignment layers and applications to fast LCD and bistable LCD

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We shall discuss new nano-structured alignment surfaces that can provide arbitrary pretilt angles. With the arbitrary pretilt angles from 0 to 90 degrees, many new applications can be explored. We shall discuss two such applications to fast LCD mode and bistable LCD. With a pretilt angle of 45 degrees, no-bias bend mode can be fabricated with excellent response times. It can be used in fast switching for 3D display as well as in field sequential color displays. Also with high pretilt angles, many bistable modes are possible. In particular we shall discuss the bistable bend-splay mode which has a response time of less than 0.1ms.

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v **Veliki predavalnici** na IJS

Vljudno vabljeni!