Novel Compensation Pixel Circuit with Simultaneous Emission Driving Scheme for High-Resolution AMOLED Displays

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This proposed work using simultaneous emission (SE) driving scheme to compensate for the $V_{TH}$ variations of LTPS TFTs for high-resolution AMOLED displays. Simulated results demonstrate that the relative current error rates are all below 3.5% when $V_{TH}$ of driving TFT varies by ±0.5 V.