



1 - standard 8 bit image;

2 - image with enhanced DR (120dB)*

Acknowledgment

*Mark Fairchild's HDR Photographic Survey

RIFERIMENTI E LINK

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DESCRIPTION

Technique aimed at enhancing the Dynamic Range (DR) of a CMOS imager. It is suitable to be implemented in a CMOS image sensor. The proposed method is programmable thus tunable over a wide range of applications.

SPECIFICATIONS

- DR extension up to 120dB

ADVANTAGES & APPLICATIONS

- Surveillance.

STATUS

- Simulation results
- TRL 5 - technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
- Patent pending