

IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD

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[ABSTRACT]

10 An image processing apparatus and an image processing
method which can transmit/receive or display a high-dynamic-
range image suitably are provided. An image transmission
apparatus transfers, as metadata of content, luminance
conversion information, which is for conversion of HDR content
(for example, with maximum luminance 2000 nit) into SDR
content (having, for example, 100 nit), or differential
information. Based on the metadata, an image reception
15 apparatus generates luminance conversion information, in which
received HDR content is adapted to a capability of a display
(for example, with maximum luminance 500 nit or 1000 nit) in
an output destination, and realizes display mapping which is
not against an intention of a producer.

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[No Suitable Fig.]