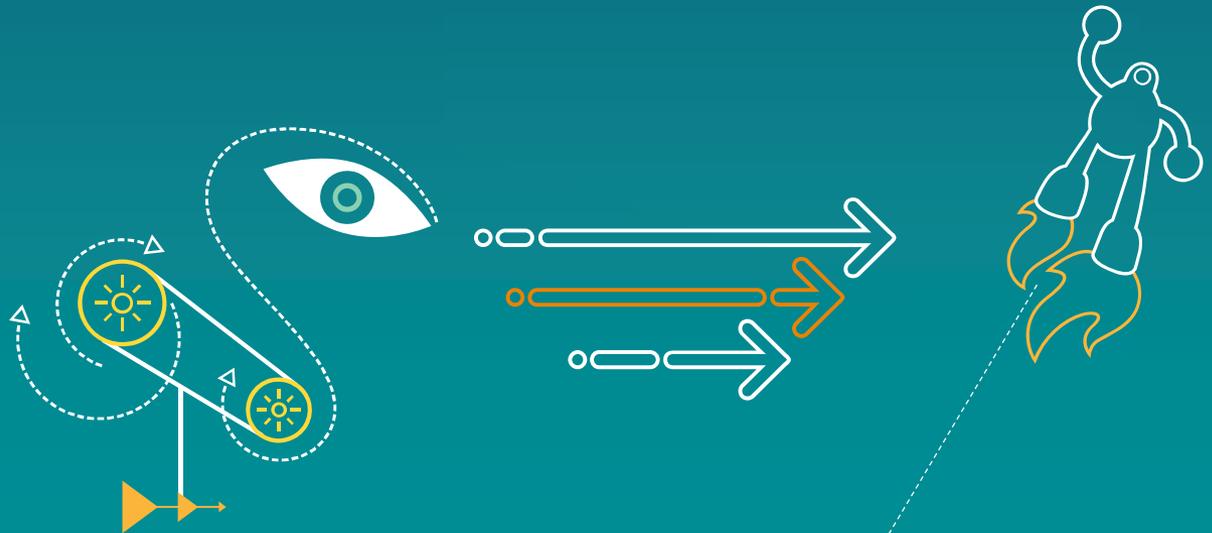


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JCTVC-T0133

Non-CE1: Modification of palette run coding



Description

- Builds on top of CE1 Test B1
 - Explicit signalling of run-to-end-of-block flag
- If the scan position is at the start of a scan line
 - A flag to indicate whether the run spans integral number of lines
 - Yes: Signal number of lines (coeff_abs_level_remaining binarization with cParam=0)
 - No: Use SCM3.0 method (after adjusting maximum run value)
- Otherwise
 - Use CE1 Test B1 method

BD-rate results for All-Intra lossy configuration

	All Intra		
	G/Y	B/U	R/V
RGB, text & graphics with motion, 1080p & 720p	-0.4%	-0.4%	-0.4%
RGB, mixed content, 1440p & 1080p	-0.2%	-0.2%	-0.2%
RGB, Animation, 720p	0.0%	-0.1%	-0.1%
RGB, camera captured, 1080p	0.0%	0.0%	0.0%
YUV, text & graphics with motion, 1080p & 720p	-0.5%	-0.5%	-0.5%
YUV, mixed content, 1440p & 1080p	-0.3%	-0.6%	-0.5%
YUV, Animation, 720p	0.0%	-0.2%	-0.2%
YUV, camera captured, 1080p	0.0%	0.0%	0.0%
Enc Time[%]	100%		
Dec Time[%]	96%		

Conclusions

- Combination with CE1 Test B1 run coding method
- A flag to indicate whether the run ends at the end of a scan line when the current position is at the beginning of scan line
- Achieves BD-rate gains in the range 0.0% to -0.5% for All-Intra lossy configuration