

21C IT Global Leader

ETRI

Cross check results on CE3 for MVC(JVT-T120)



Electronics and Telecommunications Research Institute

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ETRI/Sejong Univ.

Descriptions

■ Software

- ◆ 'NTT/Nagoya_0(20060703)' version
 - Compile on *Microsoft Visual C++ 6.0*

■ Test sequences

- ◆ *Ballroom*
- ◆ *Race1*

Comparison of the coded bitstreams

■ The coded bitstreams by TT/Nagoya

◆ Not same with ours

Bitstreams	Bitrates	Views	Consistency
Ballroom	High, mid, low	#0, #2, #4,#6, #7	Yes
		#1, #3, #5	No
Race1	High, mid	All	No
	low	#0, #2, #4,#6, #7	Yes
		#1, #3, #5	No

Comparison of the reconstructed videos in Encoder and Decoder

■ Executable files of encoder and decoder by NTT/Nagoya

◆ For *Ballroom* and *Race1*

- Views #0, #2, #4, #6, and #7 : Consistent
- The other views #1, #3, and #5 : Inconsistent
 - Using view interpolation prediction

■ Execitable files of encoder and decoder by ETRI/Sejong

◆ For *Ballroom*

- Same to the results of NTT/Nagoya

◆ For *Race1*

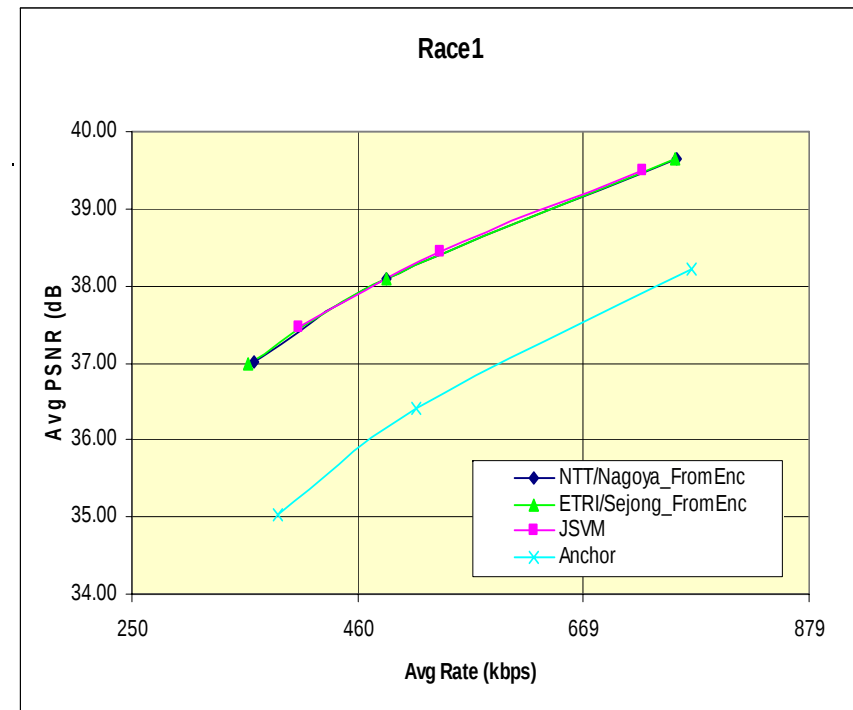
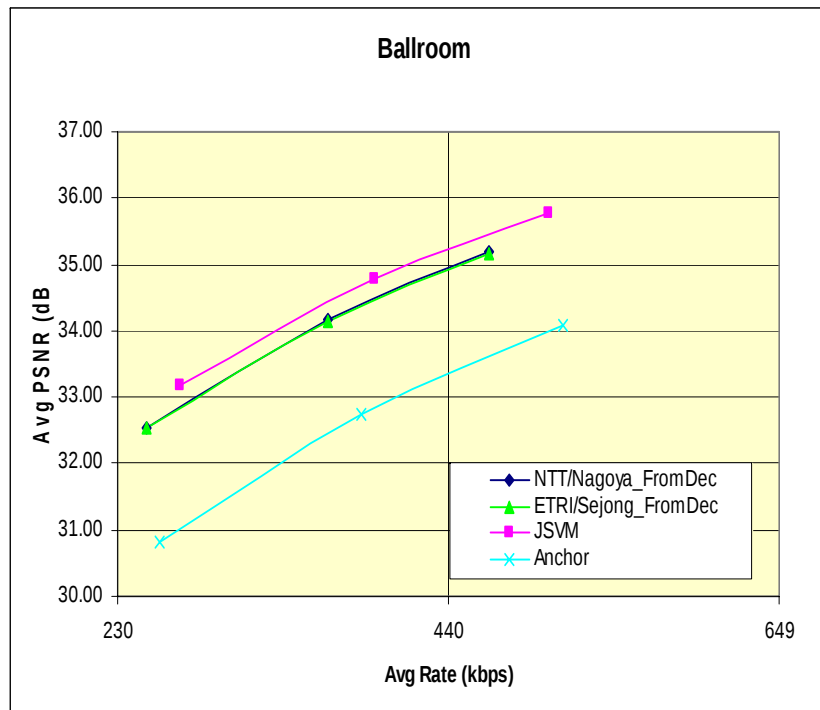
- Views #0 : Inconsistent
- The other views #1 ~ #7
 - Decoding error → couldn't get the reconstructed videos

Coding gain

■ The coded bitstreams by TT/Nagoya

◆ For both *Ballroom* and *Race1*

- Coding gains : Almost same with our results



Conclusion

- The results by NTT/Nagoya
 - ◆ Not accurate for both *Ballroom* and *Race1*