

# 視訊編碼實驗室

Video Coding Laboratory



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## 研究領域

- ◆ H.264/AVC Video Coding
- ◆ HEVC Video Coding
- ◆ SVM and CNN for Video Coding

## 近期研究成果

- ◆ J. K. Liu and Y. Lin, “Efficient HEVC Inter Prediction Using SVM” , To be presented in IEEE GCCE, Osaka, Japan, October 2019.
- ◆ J. J. Wang, K. C. Wu and Y. Lin, “ RMD-Based Mode Decision for Ordered-Dithering HEVC Intra Prediction” , Proc. of IEEE ICKII, Seoul, Korea, July 2019.
- ◆ S. J. Cai and Y. Lin ,” A Nearly QP Optimized SVM for Fast CU Size Decision in HEVC Intra Prediction” , International Conference on Multimedia and Human-Computer Interaction (MHCI'18) (MHCI'18), Madrid, Spain, August 2018.
- ◆ L. Lin and Y. Lin, “Computation Reduction for Decoding-Assisted HEVC Inter Prediction, “ Proc. of IEEE of ICIEV-IVPR, Fukuoka, Japan, June 2018.
- ◆ H. Y. Hsu, S. E. Huang and Y. Lin, “Computational Complexity Reduction for HEVC Intra Prediction with SVM,” Proc. of IEEE GCCE, Nara, Japan, 2017.
- ◆ Y. S. Chang and Y. Lin, “Decoding-Assisted Inter Prediction for HEVC, “ International Journal of Computers, Vol. 11, 2017, pp. 6-10.
- ◆ C. H. Chen and Y. Lin, “Enhanced HEVC Intra Prediction with Ordered Dither Techniques,” Proc. of IEEE ICASSP, Shanghai, China, March 2016.,