



## QUALITY ISSUES FOR RESOURCE CONSTRAINED SCALABLE VIDEO ALGORITHMS (WedAmOR5)

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✱ **Abstract :** Video signal processing is shifting from dedicated hardware to software implementation due to its flexibility. Digital signal processors (DSPs) for media processing are limited in its resources to enable cost efficient implementations for consumer devices. One way to achieve cost-efficient implementations is to use resource-quality scalable video algorithms (SVAs). This implies that dynamic resource adaptations result in dynamic quality changes which might affect the overall image quality. Starting from properties of SVAs, typical issues on quality including proposals for high-quality image processing will be presented.