SSY 150, lecture-4 (video compression) quiz questions #4, 2020-04-16

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1.	What is the main approach that enables one to achieve a high compression rate on video? remove small DCT coefficients quantization of zigzag obtained 1D sequence intra coding others (specify)							
2.		ode video c	ompression, v	. —	otion compe		: ners (specify)
3.	\bigcirc	e video com frame	pression cons		following:	Oth	ners (specify)
4.	Which "mo	ode" provid	les better vide inter	\bigcap	ssion quality?			
5.	Which "mo	ode" provid	les highest vic	\bigcap	ession ratio?			
6.	In video compression standards, one may select (a) SNR scalability, (b) spatial scalability, and (c temporal scalability. Chose the box that associates to the specified scalability item in the line:							
	+ Change	of quantiza	tion step size	, linked to:	(a)	(b)	(c)	others
	+ Change	video frame	e rate, linked	to:	(a)	(b)		Others
	+ Change in	nage size, l	inked to:		(a)	(b)	(c)	\bigcap_{others}
7.	The main d	lifferences	between the	1 st and 2 nd	generation vi	deo compre	ession meth	ods are:
	DCT vs	s. wavelets	\boxtimes	take into	account hum	an visual sy	rstem prope	rty
	igotimes Separately coding image edges and texture $igodots$ apply octave bandwidth in subband filters							
	others	(specify)						

Thank for participating the quiz, hope it is fun to you!