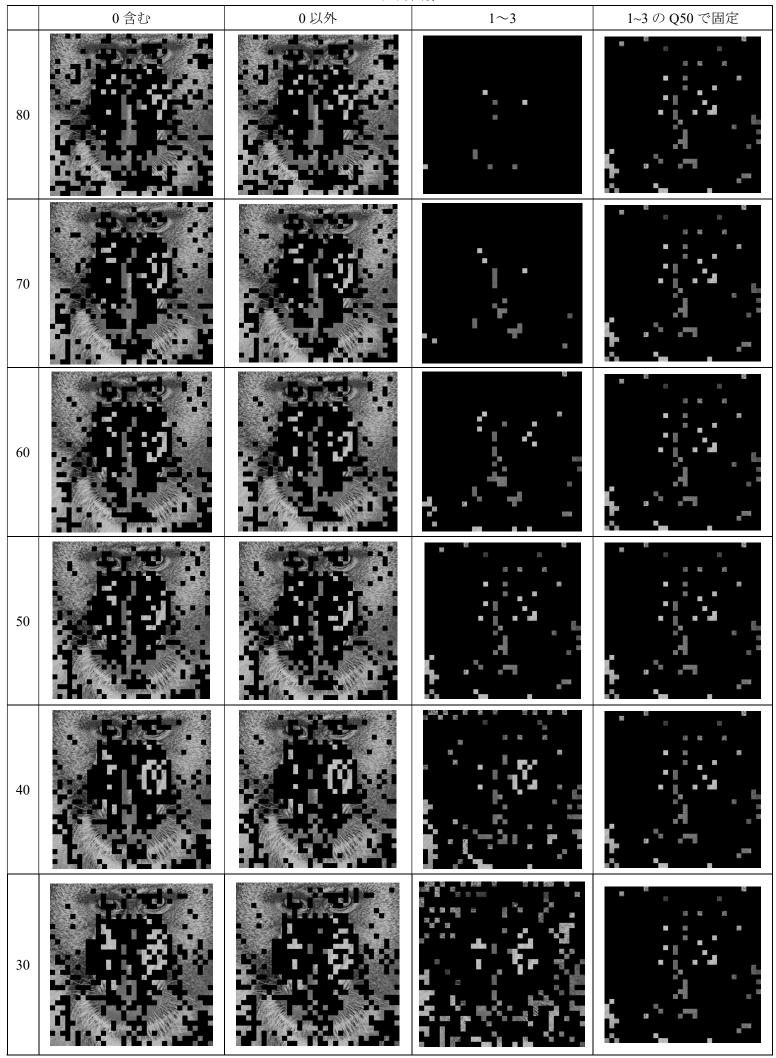
				<u>n 4</u>	含む							0 L	1从	117	,, c	· #11/2				1^	~ 3					1	<u>3</u> σ) 04	50 5	で固	定	
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	1000	CAN DESCRIPTION	100 A	EXC.4	KADE	KAUS	KAH	CA215	KAN	CAX	EAR S	KARIO	KARIO	KAPES	KA(H)	KACKE									KAN	KASK	KAN	KA(H)	KANS	KADS	ICA(14)	IO46
	KAN	KA(10	100 K	KACIK	KADI	KA(H)	KAJUJ	104(25)	(ZA(1s)	KA(11)	EA(16)	ICA(10)	KADO	KA(21)	10.000 10.000 10.000	PAGE									KACHI	KA(H)	ICA(16)	XCA(16)	KACKE	KA(21)	EA(zz)	KA(H)
80	(CA(N)	K420	District Control	KAGN	KACIN	ICA(3H)	KAJNI	KADIO MARIA	RAIN DAIN	(A23	CONTROL OF THE PARTY OF T	KAUTI	10438	1000 1000 1000	SECTION AND ADDRESS OF THE PERSON AND ADDRES	IO-CTC									10424	KAZS	10409	1042/0	KASK	KAZK	KAINE	KADIO
	KANS	KAZIS	EAS4	KA(35)	KARR	KARR	KADS	DQR.	EA III	KA(II)	KA(M	(A(n)	KAN	KA(rr)	100 M										KA(K)	KA(10)	KA(M)	KA(m)	KNOW	KA(H)	KA(10)	(CA(96)
	ICA(40)	ICASer)	EA(40)	EA(4)	EX(ex)	(CA(m)	(CA(A))	ici(e)	KAAK	KAAN	KAAS	ICA(45)	ICASA0	10446	5000	IOM5									10040	KA(4)	KAME	IOANS	XXXX	KA48	KAGAS	KAND.
	KASAS	KANE	RASIC	RASE	KASS	KASS	ICA294	KASHI	EA(40)	EA(e)	EA(s)	(CA)(r)	(CA)(c)	(A)(4)	(A)										KA(4)	KA(e)	KAN	KA(H)	KNN	KA(M)	KAM	KA(m)
	ICASHS	104310	200	DOX.	KARI	IO(N)	KANI	KANG	CASE	KAST	KASK	KA29K	ICANX	KANO	KANS	XXXX									KN90	KASS	10498	KAZNE	IOON.	KASSI	KAKS	IO4KS
	KAN	KA(1)	10401	100	EXA	ICA(1)	KAN	NAME OF THE PERSON	KAN	XX(1	KAL!	1000	ICA(4)	KAN	KAN	KAN									CADI	EA(1)	KA(I)	ICADO	544	KAN	KAN	KA(f)
	CAN	KAR	KARR	CK15	KANS	ICAC15	KASH)	EACH.	KAN	TANK .	KA(10)	E4(11)	IGA[12]	Kape	KA(14)	KA(N)									KAN	KASE	KAN	XXX(10)	IOCS.	KA(18	KA(14)	KAN
	KA(16)	(CA(17)	KA(16)	EA(16)	(A(3))	KA(H)	KARD)	(SA(28)	ICA(H)	KACIO	KAIM	KATRE	KADI	KAZ1	KAR	KAZE									KACH	KAN	KA(10)	KCA(10)	KA(M)	KA(21)	KA(12)	KA(III)
70	KADA	KA[m]	NAME OF TAXABLE PARTY.	124(25)	KA(20)	KAA200	KAUSS	EACH)	KADA		KAZE		KA(28)	NAME OF TAXABLE	KAN	DATE:									KASA	KA2S	KADS	KAZO	KACK	KA(2)(KAN	KA210
	CASS	KARN	KADA	COX	CACHE.	KAST)	KANS	RACH	KA(10)	D(II)	KAM	NO.	KAM	KSA(SF)	ICA(36)	(A(N)									KA(x)	KA(III)	KA(M)	KA[n]	KAN	KA(IM	KA(10)	KA(N)
	D(4)	(CA(er)	158(42)	(3(4)	EA(44)	ICA(45)	ICA(48	(A(41)	(CA)(eq)	XX(e)	KA(45)	EA(40)	KAM	KA(4)	ICA(40)	(SA(et)									KOK46	KA(+1)	KA(45)	ICADAS:	10046	10048	(CALAS)	KAH0
	KA(a))CA(40)	SA(N)	EN(Y)	KA(10)	KA(w)	KA(M)	EA(N)	KAQUE	KAR	KAN	KAND	KA(IS)	KA(N)	KAN	E4596									KA(4)	KA(e)	KAN	KA(H)	KNN	KA(ss)	KAM	KA(H)
	KASR	KASS	ICASS	EASK	CAN	KARI	KANS	KAKE	CASE	KAST	KASK	KANK	KAN	KASTO	KANS	EXXX									KASK	KASS	KASK	ICA210	KXMI	KASI	KAKS	KAKS
	XAX	KARO	KAZI	XXX	KAN	KAN	EAST	XXX	KAN	KAZO	KAZI	XXX		KAN	NAME OF THE PERSON NAMED IN	1001									100	KA(1)	CAD	KAD	900 MH	KA(s)	KAN	HCA(Y)
	200 KAN	15436	KA(10)	KA(H)	Ka(tr)	Equi	EXX.	EAST)	KAN.	KAN.	KAN	KA(YI)	KA(v)	Experi	EASH	EACH)									KASE	KAR	KAN	RCA2+C	KANS	603	KAH	KAN
	KAN	KA(ri)	EANS.	KA(H)	KASS	DOL	EX.20	KA(26)	ICANS	KA(rr)	DANS.	EA/18	KASIS	1000	EA(20)	EACH!									EXCH	KA(16)	KA(10)	XX(16)	KA(20)	KA(21)	(SA(12)	KADI
60	KADI	IO425	1000	KA20	DATE:	DAZE.	DOS	DOT	KADI	KASSI	KADS	KA20	KACIS	DAZE .	EXCE!	EAST									IO(34	KAGS	KADS	KCADED	KADE	KACK	KAN	KADIO
	(CA)(1)	EAST.	KAN	K4(r)	EAST.	Experi	Exist.	CAM	KAN	KA[H]	Kajaj	Ka(rr)	100	EA(27)		CAN									KA(10)	KN(10)	KAM	(CA)m)	CNIN	EX(IF)	(CA(m)	(CA(30)
	ICA[45]	(CA(et)	(A(4)	ICA(41)	XX40	(5)(4)	D(4)	124(41)	ICA(40)	ICA[et]	(CA)40	ICA(41)	EX(4)	(3)(4)	EX(4)	EXCE									KAKAK	KAGAS	KA4ASI	ICANS	KAM.	10408	KAGAS	ICA(HI)
	EARS	ICA(H)	NO.23	KASO	EAST)	No.	EXSK	EA(33)	KA(AS)	ICA(48)	SASS.	KASS 0	KASS)	1	EASH.	KAC30									EX(e)	KA(m)	KA(10)	KAN)(I)	KNOS	KA(te)	(CA(te)	KA(H)
	ICANG	KAND	NAME OF TAXABLE PARTY.	1500 1500 1500 1500 1500 1500 1500 1500	CANC.	CAST	SANCE STATE	15411	KANG	KAND	KASS	SANS		CASTO		EACH									10490	KAST	10498	KCA298	ICHOR	KASSI	KAKS	IOANS
	SAST.	KALO	KADI	KAN	EXI	SAN SAN		KA(f)	KANN	KA(t)	KAZ	KAN	EN(4	EAN	EXX	EAST	100	ICA(1)	KAU	KADI	CASE	EAN	KAN	KA(H)	GO	KA(1)	CAST	KADI	94	KAN	KAN	ICA(H)
			KOE[18]	KA(II)	KAN	RACAL TOTAL	No.	KA(16)	KAN	KAN	KAN	KA(II)	EA(s)	EA(1)	DO:	D(s)	NAME AND ADDRESS OF THE PARTY.	KAKK	KAN	KOAZYO	1003	1003	(CA)(4)	KAN	SX	ICA(X	64(6)	KOAZYO	IORIS	KO(03)	CA(44)	KAHS
	EX.	KAZYO	KALINE	KAN	XACK	KAZE		XXX	KANS	KARIT	KA(IN)	KA(H)	KASK	EA24	KA(22)	KA(2)	KACH!	KA(11)	ICA(10)	KCAL(10)	104(34)	KA(21)	(A(II)	KA(H)	KACH	KA(11)	EA(10)	KCAL(10)	KACH	KA(21)	(CA(22)	KA(H)
50	NO.	KA(N)	KAM	KA(25)	KA(24)	EXCH.		(A)	KADIQ	KADI	KAZNI	KA225	NO.	SACR.	NAME OF THE PARTY OF	NO.	EACH	KAZS	ICADS	KA220	10426	KA(2)(KAN	KADIG	KACM	IOGS	10409	KA220	KAN	KA(2)(KANS	KA210
50	KASS	KA(II)	KADI	KA(38)	KADI	KAON	No.	KADN	KA(s)	KA[10]	KAN	KA(10)	CA(IN)	EAST	EXCH!	No.	KA(re)	KN(11)	KA(M)	KA[n]	KAN	KAIM	KA[10]	KA(86)	KA(S)	KA(10)	KA(M)	KA[n]	KAN	KA(Iri	KA(10)	KA(86)
	NA.	ICASHID.	(CA)(E)	KALAR	SAM	EXA	XAM.	KAND	ICA(AS)	ICA[41]	ICA(43)	ICA(43)	D(H	EA(4)	D(4)	(2(4)	10446	(3(4)	KAAS	ICANS	XXX	KAGAS	ICA(AS)	ICA(41)	KAKAK	KAGAS	KA4ASI	ICANS	KAM.	10408	KAGAS	ICA(HI)
	Eq.	(A)e)	KAN)	KAN	EA(N)	D(M		(A)(s)	ICA(AS)	ICA(48)	KASK	KASI	KA(S)	KASS	KASK		KAN	KA(m)	ICA(so)	KAN)(I)	KA(N)	KA(te)	(CA(se)	KA(m)	EX(e)	KA(m)	KA(10)	KAN)(I)	KNOS	KA(te)	(CA(te)	KA(H)
	DOS	KASTO	KSA250	KASK	KAN	CKYT	COS	10400	KA2NI	KART	KASK	KASN	KAM	KAN	EARS	KAKE	KASK	KAST	KASS	KCA298	1000	KARR	KARS	IOAKS	10490	KAST	10498	KCA298	ICHOR	KASSI	KAKS	IOANS
	KAR	KATI	KASS	NA.S	KAR	KAN	KAR	KAZO	KA18	EXI	100	KA(I)	DK4	100	KA18	EAST	KAR	KA(1)	KA(J)	1003	EXA	EXI	KAN	KAN	KAN	EA(I)	CADI	HEADS)	941 144	KAN	KAN	ICA(f)
	KAN	ION	NAME OF THE PERSON		IA(s)	(CA(1))	KAM	ICA(16)	NAME OF THE PARTY.	DQI.	DES.	KA(H)	EA(12)	IO(4)	IO(H	CAN	KA(8)	SAN SAN	EQ.(4)		EQS.	KA(13)	ICA(14)	KA(18)	1001	KAN	KAN	KA(H)	EX(s)	KA(1)	KA(14)	KA(H)
	KAN	KA(11)	KA(N)	100	EA(30)	KA(21)	KA(22)	104(21)	ICA[16]	EACH	Sec.	KAN	KAN	1000	KA[22]	EA(25)	KACH	KAUT	KAN	EXCH.	KASK	KAQNI	KADI	KADIO	XXXX	KAUT	15416	KANE	KX28	KASH	RACIS	KADIS
40	KACH	KADS	NO.		EX28	CASH	KAN	KADIG	ICA(34)	EXIN	66	KA(zr)	EX.N	NAME OF TAXABLE PARTY.	KA[N]	CA(zr)	KAJA	KA(H)		EXCE!	(O(2))	D(2)	(CA)XS	(Alph	124(24)	KA(20)	KAN	(CA(21)	KN(M)	KA(2N)	EA(10)	(CA(H)
40	KAN	KA(11)	DOM	D(x)	DON	IOUM	IO(N	NAME OF THE PERSON NAME OF THE P	i CA[12]	EX(m)	M	KA(n)	EXIS	KA(H)	KA[H]	CA(M	KASS	KAZISI	FAIN.	CACH	KASK	EACH)	CASK	NAME OF THE PARTY.	KACKS	KA(33)	104(94)	KADE	DOM	KA(S)	EA(N)	KADS
	KALAR	104(41)	(A)43	KANE	KAM	KAR	KAJAS	Kaleo	KA(40)	EA(e)	(0)(4)	(Ala)	EA(4)	EX(e)	(O(H)	KA(45)	(CA(40)	KA(m)	(A)(d)	CA(4)	EX(H	KA(st)	(CA(46)	(CA)(40)	100.40	EA(a)	KA(43)	KAND	KK44	KALAN	KAM	KAND
	CA(4)	ISH(4)	1000 1000	2001	D(2)	CASS	IQ(H	ICASIS	KZA(40)	EA(e)		KAN	KAN	SAME SAME	KAM	EN(s)	ICA(48)	(048)	NAME OF THE PERSON NAMED IN	KNS(KAKSI	KASS	KAS4	XXXXX	ICA(-e)	KA(e)	KAN	KAN	(SK)(s)	KA(sa)	KA(se)	KA(N)
	i CA(M)	KA(H)	NAME OF THE PERSON	100	EA(s)	(CA(4r)	KA(c)	CA(A)	XAQMI	EAM		KA(10)	EA(s)	100 A	KAN	EAST.	EA/M	KA(H)	(A)N)	EXM	KA(N)	KA(er)	KA[G]	(CA)(d)	KASK	KAIST	ISA98	ICA200	IOOR	KASS	KAKS	ICA(KS)
	1	8	Ö	80		10			2	MIN	198		400	800	e.	W	88	20	93	021	540	S					129		90	Se	500	
	KAN	KARI	EAST	exz.	EXCE	CASS		1000				NOT.	KAR	EAST	EAN	KA40		30g		- O.Y	KAH KAH	ON		040	CASH	ICA(1)	(CA(2)	54)1	644	KAOL	KAN	KAU
	KGANI	KAN	KA(10)	KACIN	KA(10)	EXCH)		KAEN			(200 (200)	XXXII	KA(n)	KA(15)	KA(H)	KA10				XAZYE	KZE(O)		KORENE.	xx(10	CASE	KAN	6410	KOAZYO	IORIS	IO(13)	KA(44)	ICA(H)
	KA(16)	KART	KA(14)	EATH	60(3)	E4(24)		KA(24)	KACH	TOOK		KACH	KACH	KACIO	KACIS	K2430	DOM:		86	56	DOM:	500	NAME OF THE PERSON NAME OF THE P	- OLE	KAN	KA(11)	EA(10)	KGA[16]	KACH	KA(21)	EA(III)	KA(H)
30	KADH	KAJISI	KAIN	KAZH	DOX	D(H	DOM	1200			SAN SAN	KKM	EX(24)	KA(26)	CARS	Spring Sp	20		E S	74.00 (10.00)	154504	KADE BEE	KADA	SALTO SALTO	KADA	1963	10438	KAZO	KAZN	KAZK	(AN)	KADIO
	KADI	KADN	KAH	KADR	DOS	EA(X)	DOM:		10425	Sec.	XXX	KASS	EACH	KASS	GAS.	500	EXX			1000		OM.	KAIN!	KAIN)	KA(o)	KA(II)	KA(M	KA(m)	KKN	EA(ar)	KA(16)	KA(N)
	12443	KA(41)	KA43	KA41	KAH	EA(4)	DAR.	E8	100/46	KASE	KA(e)	EXE	ENG	EA(e)	EA(4)	KA(et)	TO SE	SS .	KAR.	KAME	KASA	KANK BER	KAJAC MESE	CALAT	KA4E	KA(41)	6443	KAHS	EXH.	1048	KANG	IGAH0
	KAJAS	10448	KASK	KAST	062	DAC20	NASK	EASTS	XX4	DOM:	KKH BAB	1001	KASS	KASS	KAN	Oper Section	534		204 204	1001 1001	824	200	- CON	CANO	KA(4)	EA(e)	CAN .	KAN	KNN	KAN	KAN	(CA(M)
	KANK	KASS	KASK	KASK	KASK	EAST	10000	15A350	154,510	KAST	KACA	KASK	KAN	KAMI	KAKE	CAND	KOKSK	KKST	KASM	KANK	KAME	KANC	K430	KANK	EASK	KAIST	10498	KAZNE	KXXX	KAISI	KAKS	KAKE



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選出された基底

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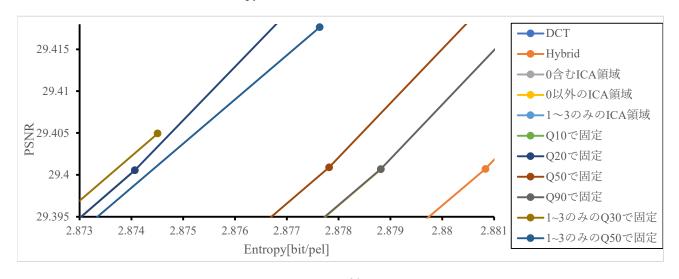
選出された基底

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30	SS 535			

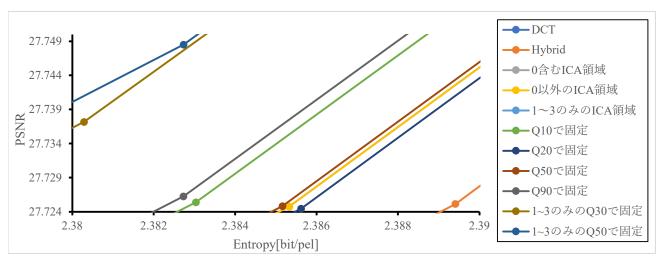
		原画像の選出基		11例次						
	選出基底	適用領域		-					_	
	State State		ICA(0)	ICA[1]	ICA[2]	ICA[3]	ICA[4]	ICA(5)	ICA(6)	ICA(7)
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80	1000		ICA[8]	ICA[9]	ICA[10]	ICA[11]	ICA[12]	ICA[13]	ICA[14]	
	200		ICA[16]	ICA[17]	ICA[18]	ICA[19]	ICA[20]	ICA[21]	ICA[22]	ICA[23]
	0.000		ICA[24]	ICA[25]	ICA[26]	ICA[27]	ICA[28]	ICA[29]	ICA[30]	ICA[31]
	SECUL STANK		ICA[32]	ICA[33]	ICA[34]	ICA[35]	ICA[36]	ICA[37]	ICA[38]	ICA[39]
	SCHOOL SECTION		2	JCA[41]			g,	ICA[45]	2	ICA[47]
70	1000	•	ICA[40]	ICA[41]	ICA[42]	ICA[43]	ICA[44]	ICA[45]	ICA[46]	
	PAGE.		ICA[48]	ICA[49]	ICA[50]	ICA[51]	ICA[52]	ICA[53]	ICA[54]	ICA[55]
		•	ICA[56]	ICA[57]	ICA(58)	ICA[59]	ICA[60]	ICA[61]	ICA[62]	ICA[63]
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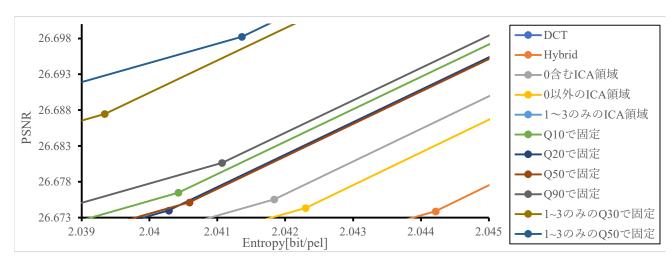
● 符号化性能(PSNR 対 Entropy)の詳細(Mandrill)

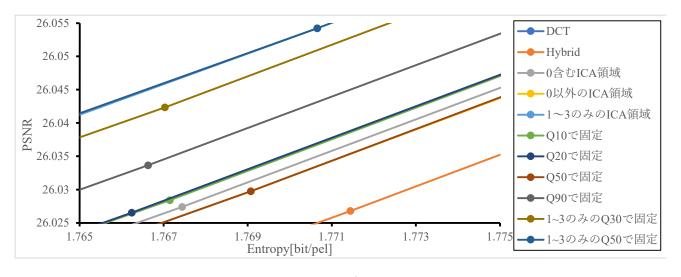


Q80

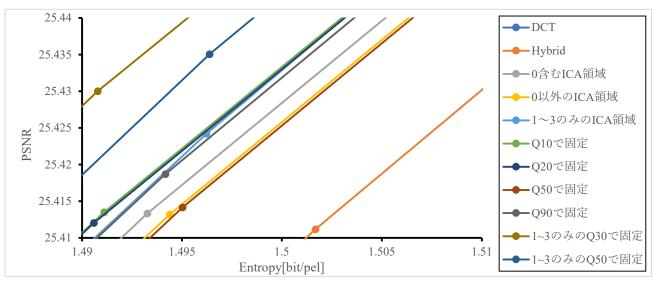


Q70

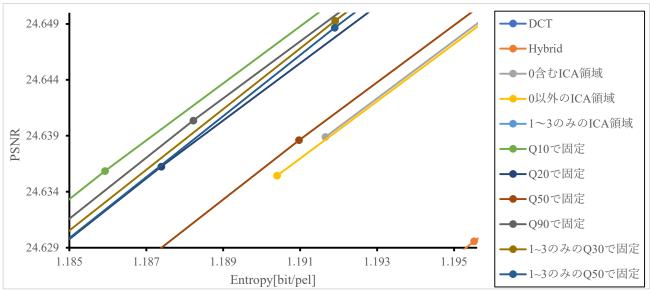




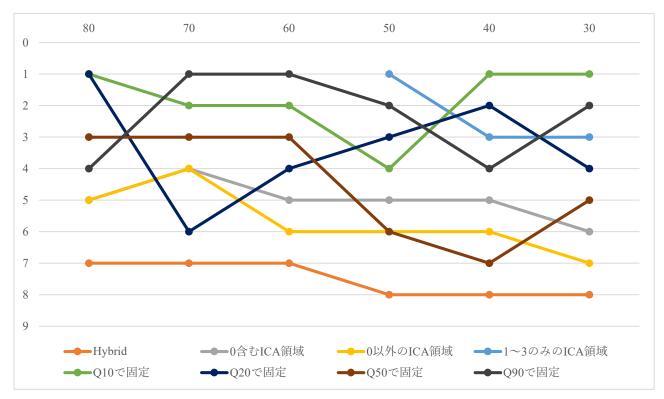
Q50



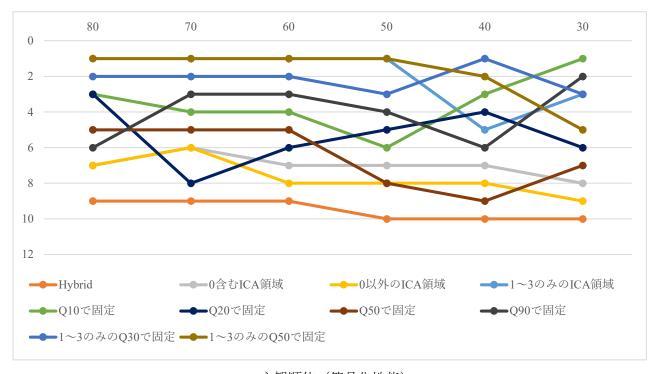
Q40



Q30



主観順位 (符号化性能)



主観順位 (符号化性能)

夏休み中の進捗 #4

亀田ゼミ M2 中田雄大

*比較して分かったこと (Mandrill)

「適用ブロックについて」

- ・符号化性能が向上している手法は局所的な特徴領域が適用領域に含まれている. 「選出基底について」
- ・これまでと同様に、レートを固定した場合に選出される基底はどのレートでも大体同じ

*分かったことからの考察

- ・符号化性能が大きく改善している手法とその他の手法の適用領域の違いは 1,2 個の局所 領域が含まれているかどうかであるため、(領域 1 つ 1 つの改善量は確認していないた め分からないが、) 1 個の局所領域を適用領域に含めることだけでも性能の大きな改善 が見込めるのではないだろうか。
- ・Q30 の 50 固定や 0 あり, 0 なしは局所領域を含んでいるにもかかわらず, その他の手法よりも符号化性能が悪いため, 局所領域だとしても重要なものとそうでないものがあるのではないだろうか.
- ・1~3 の Q30 固定や 1~3 の Q50 固定の適用領域に平坦な領域が含まれはじめたことで符号化性能が落ち、Q30 の Q10 固定では局所領域のみが適用領域となっているため、それら 2 つの手法よりも符号化性能が改善されたのではないか. このことから、平坦な領域は適用領域に含めない方が良いのではないだろうか. (Q90 固定は平坦な領域が含まれているにもかかわらず符号化性能が大きく改善されているため、よくわからない. 重要な領域が含まれていたのか、基底形状が良かったのか?)

*追加調査したほうが良さげなこと

・平坦な領域を抜いてみる (Air 等で既述したものと同じ感じ)