IPA - ASCII correspondance for BP.TableOfReal
The diacritic 'signals the stressed vowel but the corresponding ASCII symbol must be used in pre-stressed position as well

IPA	ASCII	IPA	ASCII	IPA	ASCII
	_				
i	1	ej :	eI	p	p
e	e	εj	ehI	t	t
3	eh	aj	aI	k	k
a	a	эj	ohI	b	b
Э	oh	oj	oI	d	d
O	O	uj	uI	g	g
u	u	uj ĕ ĵ	aNI	f	g f
' ĩ	iN	õĵ	oNI	S	S
'ẽ	eN	iw	iU	\int	sh
'ẽ	aN	ew	eU	V	V
'õ	oN	εw	ehU	Z	Z
'ũ	uN	aw	aU	3	zh
I	I	эw	ohU	s de coda	S
e^*	E	ow	οU	m	m
В	A	'ãã'	aNU	n	n
0**	O	IW	IU	n	nh
Ω	U	υw	UU	/r/	r
ĩ	IN	ıj	II	R(r, J, r)	R
ẽ	EN	υj	UI	1	1
$\tilde{\mathfrak{g}}$	AN	ai	IA	λ	lh
õ	ON	we	UA	1	L
ũ	UN	ĩŵ	ANU		

^{*} as in "óp**e**ra" * as in "côm**o**do"