













Fable 4, page 131; Karin M. Rabe	Anomalo	ous	valu	ies i	n m	ost p	erovs	skite fer	roelec
and Philippe Ghosez, First-	ABO ₃	Z^*_A	$Z_{\mathbf{B}}^{*}$	Z_{0}^{*}	$Z^*_{O\perp}$	Z_A^*/Z_A	$Z_{\rm B}^*/Z_{\rm B}$	Method	Reference
orinciples studies of ferroelectric oxides, Topics in Applied Physics 105 : 117-174 (2007).	-								
	nominal	2	4	$^{-2}$	-2				
	$CaTiO_3$	2.58	7.08	-5.65	-2.00	1.29	1.77	DFT (LDA)	[142]
$\cdot \partial P$	$SrTiO_3$	2.56	7.26	-5.73	-2.15	1.28	1.82	DFT (LDA)	[148]
$\hat{Z} = \frac{\partial I}{\partial a}$		2.54	7.12	-5.66	-2.00	1.27	1.78	DFT (LDA)	[142]
$Z = \frac{1}{2} z=0$		2.55	7.56	-5.92	-2.12	1.28	1.89	DFT (LDA)	[126]
Ou	D-THO	2.4	7.0	-5.8	-1.8	1.2	1.8	experiment	[149]
or equivalently	Ba11O ₃	2.77	7.25	-5.71	-2.15	1.39	1.81	DFT (LDA)	[148]
or equivalently		2.15	7.10 E 00	-5.09	-2.11	1.38	1.79	DFT (LDA) Decude SIC	[47]
0.77		2.01	5.88	-4.45	-2.03	1.31	1.47	evporiment	[47]
$\hat{Z} = \frac{\partial F}{\partial z} _{u=0}$	BaZrO_3	2.73	6.03	-4.74	-2.01	1.37	1.51	DFT (LDA)	[142]
$\partial \mathcal{E}^{+u=0}$	PbTiO ₂	3.90	7.06	-5.83	-2.56	1.95	1.77	DFT (LDA)	[142]
	PbZrO ₃	3.92	5.85	-4.81	-2.48	1.96	1.46	DFT (LDA)	142
Measured Values	nominal	1	5	-2	-2			. ,	
	NaNhO ₂	1.13	9.11	-7.01	-1.61	1.13	1.82	DFT (LDA)	[142]
Junn Axe, Priys. Rev 1967	KNbO ₃	0.82	9.13	-6.58	-1.68	0.82	1.83	DFT (LDA)	150
TABLE III. Apparent charges of several perovskites de-	- 0	1.14	9.23	-7.01	-1.68	1.14	1.85	DFT (LDA)	[142]
rived from optical mode strengths.		1.14	9.37	-6.86	-1.65	1.14	1.87	DFT (LDA)	[151]
BaTiO ₃ SrTiO ₈ KTaO ₃ KCo	Fa	1.07	8.12	-5.38	-1.80	1.07	1.62	HF	[48, 49]
4 2.9 2.4 1.2 0.	9 nominal	-	6	$^{-2}$	$^{-2}$				
B 6.7 7.0 8.1 1.	8 WO2	- 1	12.51	-9.13	-1.69	-	2.09	DFT (LDA)	[152]















































































































