

PARALLELING TONALITY: Education In a Post-Technological Age

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1. Middle-Ages: Apprenticeship Pre-Enlightenment



2. School 1.0: From Enlightenment Books and Pencils



3. School 2.0: A New Order, Open-Minded Approach to Education, Technology



4. School 3.0: Post-modernization Return to Traditional Methods

In the trajectory of this course we have discussed the evolution of technology and how it affects education as well as its historical perspective with regards to various tales of science fiction.

Contrary to the common sci-fi estimation this poster depicts a post-technological phase in education. This does not entail an "end of days" or apocalypse reality rather a situation where despite the growth of global technology and communication, education will reverse and embrace the basic books and pencils days.



Education will return to its grassroots, to human interaction, to traditional apprenticeship. Computers will lose their focus as core elements of classroom learning and authoritative teaching will reign supreme (School 1.0) once again.

The prediction as depicted is drawn by paralleling the changes of popular and academic perception and trends of classical music over the past centuries.

"Classrooms are just about the only place in this country where you could take a person from 150 years ago, drop him down in that place, and everything would be totally familiar to him." Musical trends similar to education have followed traditions and the social pendulum. Intellectual music and art represent public sentiment and foreshadow social trajectories. The re-embrace of tonality symbolizes a societal return to traditional methods and reasoning which includes education.



1. Baroque Approaching Enlightenment Establishment of Western Tonal Music



2. Romanticism Chromaticism: Embracing New Sounds

3. Post-Tonal/Serialism A New Order, Open-Minded Approach to Music

	I ₀	I ₁	I ₂	I ₁₁	I ₁₀	I ₈	I ₄	I ₉	I ₃	I ₆	I ₅	I ₇
P ₀	C	C [#] / _{D_b}	D	B	A [#] / _{B_b}	G [#] / _{F_b}	E	A	D [#] / _{C_b}	F [#] / _{G_b}	F	G
P ₁₁	B	C	C [#] / _{D_b}	A [#] / _{B_b}	A	G	D [#] / _{C_b}	G [#] / _{F_b}	D	F [#] / _{G_b}	F	G
P ₁₀	A [#] / _{B_b}	B	C	A	G [#] / _{F_b}	F [#] / _{G_b}	D	G	C [#] / _{D_b}	E	D [#] / _{C_b}	F [#] / _{G_b}
P ₁	C [#] / _{D_b}	D	D [#] / _{E_b}	C	B	A	F	A [#] / _{B_b}	E	G	F [#] / _{G_b}	R ₁₁
P ₂	D	D [#] / _{E_b}	E	C [#] / _{D_b}	C	A [#] / _{B_b}	F [#] / _{G_b}	B	E	G	F [#] / _{G_b}	R ₁₀
P ₄	E	F	F [#] / _{G_b}	D [#] / _{C_b}	D	C	G [#] / _{F_b}	C [#] / _{D_b}	G	A [#] / _{B_b}	A	R ₁
P ₈	G [#] / _{F_b}	A	A [#] / _{B_b}	G	F [#] / _{G_b}	E	C	F	B	D	C [#] / _{D_b}	R ₄
P ₃	D [#] / _{C_b}	E	F	D	C [#] / _{D_b}	B	G	C	F [#] / _{G_b}	A	G [#] / _{F_b}	R ₈
P ₉	A	A [#] / _{B_b}	B	G [#] / _{F_b}	G	F	C [#] / _{D_b}	F [#] / _{G_b}	C	D [#] / _{C_b}	A [#] / _{B_b}	R ₃
P ₆	F [#] / _{G_b}	G	A	F	E	D	A [#] / _{B_b}	D [#] / _{C_b}	A	C	B	R ₉
P ₇	G	G [#] / _{F_b}	A	F	E	D	F [#] / _{G_b}	B	E	A [#] / _{B_b}	C [#] / _{D_b}	R ₆
P ₅	F	F [#] / _{G_b}	G	E	D [#] / _{C_b}	A	D	G [#] / _{F_b}	B	A [#] / _{B_b}	C	R ₇
R ₁₀	R ₁₁	R ₁₂	R ₁₁	R ₁₀	R ₈	R ₄	R ₉	R ₃	R ₆	R ₅	R ₇	



4. Post-Post-Tonal A Return to Western Tonality, Minimalism and the Embrace of Neo-Classic Sonorities