

## BEFORE TOUR

### Physiology:

- 1. Sex nonbinary
- 2. Age adult
- 3. Height and Weight the shortest and lightest of the 3 existing main characters (Лептон, Boson)
- 4. Color of hair, eyes, skin brown, brown, light
- 5. Posture good
- 6. Appearance: good-looking, over or underweight, clean, neat, pleasant, untidy. shape of head, face, limbs. decent-looking, average weight, somewhat neat
- 7. Defects: deformities, abnormalities, birthmarks. Diseases.
- 8. Heredity

### Sociology:

- 1. Class: lower, middle (where on this LARGE scale, or is this scale small due to the time period), upper universally middle
- 2. Occupation: type of work, hours of work, income, condition of work, union or nonunion, attitude towards organization, suitability for work. right-hand and stand-in roles; paid with power and influence in the physics community/world
- 3. Education: amount, kind of schools, marks, favorite subjects, poorest subjects, aptitudes. at least secondary education, enjoys chemistry
- 4. Home life: parents living, earning power, orphan, parents separated or divorced, parents' habits, parents' mental development, parents' vices, neglect. Characters marital status.
- 5. Religion Judaism
- 6. Race, nationality, cultural background Jewish
- 7. Place in community: leader among friends, clubs, sports. stand-in and behind-the-scenes of the world's stability

#### MOTA



- 8. Political affiliations socialistic > capitalistic
- 9. Amusements, hobbies: books, newspapers, magazines they read opera, ballet

### Psychology:

- 1. Sex life, moral standards attracted to Boson
- 2. Personal premise, ambition worldly stability
- 3. Frustrations, chief disappointments unknown worldly instability
- 4. Temperament: choleric, easygoing, pessimistic, optimistic. easygoing
- 5. Attitude towards life: resigned, militant, defeatist. patient
- 6. Complexes: obsessions, inhibitions, superstitions, phobias. repetition and practicing
- 7. Extrovert, introvert, ambivert extrovert
- 8. Abilities: languages, talents English, singing
- 9. Qualities: imagination, judgment, taste, poise.
- 10. I.Q. >100



## MUSICAL NUMBERS

ATOM leads the song. ATOM splits the song.			
# 5	Title	Character(s)	
1.	Eigen	ATOM	
2.	Symmetry	ЛЕПТОН   BOSON   ATOM   students	
3.	Exchange Particle	QUARK ATOM	
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6.a.	Tachyon	QUARK BOSON ATOM JENTOH students	
/ •	Nuclide	QUARK BOSON ATOM	
11.	G	QUARK JENTOH ATOM professors	
13.	Valence	QUARK JEПТОН ATOM students	
16.	Particulate	QUARK ATOM	
17.a.	Slepton	QUARK BOSON ATOM politicians technicians	
19.	Electroform	QUARK ATOM technicians	
23.	Elementary Particle	OLIV DY I VIDOM	
23.	Elementary Farticle	QUARK ATOM	
25.	Mass Charge Spin	QUARK   ЛЕПТОН   BOSON   ATOM	
26.	Quantum	QUARK JENTOH BOSON ATOM technicians	
27 <b>.</b>	Fusion	QUARK BOSON ATOM	
29.	Hypercharge	QUARK JEПТОН ATOM technicians	
30.	Isospin	QUARK   ЛЕПТОН   BOSON   ATOM	
31.	Subatomic	QUARK ATOM technicians	
32.	Meson	QUARK   BOSON   ATOM	
33.	Pion	QUARK ATOM	
34.	Deuterium ***motif***	ATOM	



# MUSICAL NUMBERS (cont.)

# در	Title	Character(s)
37.	Fission	QUARK BOSON ATOM
39.	Baryon	QUARK ЛЕПТОН АТОМ
40.	Decay	QUARK JEПТОН BOSON ATOM particles
41.	Supersymmetry	QUARK ЛЕПТОН BOSON ATOM particles
42.	Knot (bow)	COMPANY



## TIMELINE

"Eigen": Atom takes control of an empty space.

"Symmetry": As more particles are uncovered in the space, Atom continues to do all they could to keep the world of physics stable. Boson declares that an exchange particle will be joining them. Atom is ill-prepared for what (humanity) is to come.

"Exchange Particle": Atom staffs themself in an administrative office. Atom meets this exchange student. Based on their strange and charming persona, Atom pieces together that on the list that Atom has, this was Quark. Atom has better things to do than be friends with her. Atom needs to rise in academia as she does. Atom leaves her alone.

"Tachyon": Like Quark, Atom is a student under Boson. They address the class when Boson is late. As class is in session and Quark demonstrates herself as versatile, Atom's intelligence slips.

"Nuclide": After this brief undergraduate experience, Atom say their lasting goodbyes as Boson leaves for a better job. Boson grants Atom a position in graduate school.

In the meantime, Atom rises to professorship.

"G": Finding Quark in a bad state, Atom decrees that Quark has no place in graduate school and a doctorate. However, Lepton comes to Quark's aid.

"Valence": As Quark progresses as a doctoral candidate, Atom makes sure her respectability is questioned by the students under her.

"Particulate": On the brink of having careers of their own, Atom feels compelled to team up with an increasingly influential Quark to save their prospective industry: the Desertron.

#### MOTA



"Slepton": Boson comes back into their life. He implores to Atom that this Desertron is a sacrifice that Atom has to make. With underlying jealousy for Quark, Atom joins in with Boson on dismantling this grand laboratory.

Atom felt bad for what they had done. They do not take the offering of a job in Boson's Accelerator. In the meantime, Atom becomes the director of the Magnet Factory.

"Electroform": Atom has matured. They are now willing to help make space for Quark, who is back to being lost. But because of how Atom has handled her, she humiliates Atom in front of their personnel. Atom disbands the Magnet Factory and decides to take the position at the Accelerator.

"Elementary Particle": In a new setting, Atom arrives after Quark this time. **Atom barely accepts Quark**. Atom goes to inform Boson that their prospective technician has arrived.

"Mass Charge Spin": Atom joins Lepton in Quark's defense when Boson threatens to never hire her to the Accelerator.

"Quantum": Atom celebrates the reveal of the collider. In the scuffle of letting Quark in, Atom gets pushed out and seemingly outcasted.

"Fusion": Atom is slowly returning to their envious, unstable state.

"Hypercharge": Atom checks on Quark's progress. Evidently, Atom has been rejecting Lepton's advances.

"Isospin": Atom joins Quark, Lepton, in Boson's meeting. Atom watches as Boson understands that his influence of the world of physics is fading.

### MOTA



"Subatomic": Atom decides to get to know Quark personally at a brunch, with subatomic sandwiches.

"Meson": Boson tells Quark and Atom that he is resigning his position. That position will now go to Quark. Atom is not happy.

"Pion": Atom pretends to accept Quark's newfound position as the upcoming director of the Accelerator.

"Deuterium": Atom loses their cool that they are second in line in this world of physics.

Atom stows themself in the collider. As Quark enters the collider, Atom shoots and kills her.

"Fission": Atom is discovered by Boson as the culprit. Atom gets split and killed by him.

"Baryon": Atom's corpse is held tight by Lepton.

"Decay": Atom is reincarnated as a truly stable atom.

"Supersymmetry": Atom sets themself free from the world of physics in waves.