

### 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
- 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.
# در	Title	Character(s)
1.	Eigen	ATOM
2.	Symmetry	ЛЕПТОН   BOSON   ATOM   students
3.	Exchange Particle	QUARK   ATOM
6.a.	Tachyon	QUARK BOSON ATOM ЛЕПТОН students
7.	Nuclide	QUARK BOSON ATOM
11.	G	QUARK JEПТОН ATOM professors
13.	Valence	QUARK JEПТОН ATOM students
16.	<u>Particulate</u>	QUARK   ATOM
17.a.	Slepton	QUARK BOSON ATOM politicians technicians
19.	Electroform	QUARK ATOM technicians
23.	Elementary Particle	QUARK ATOM
25.	Mass Charge Spin	QUARK   JETTOH   BOSON   ATOM
26.	Hadron	QUARK JEПТОН BOSON ATOM technicians
27.	Fusion	QUARK BOSON ATOM
29.	Hypercharge	QUARK JEПТОН ATOM technicians
30.	Isospin	QUARK   JETTOH   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