

13 VALENCE

TOUR

DAVID QUANG PHAM

Moderato

Bm G A E Bm G Em⁷ A D

QUARK

ЛЕПТОН

STUDENTS

It's high - er e - ner - gy le - vel. It's high - er e - ner - gy le - vel.

This high - er ed - u - cat - ion haul. This high - er ed - u - cat - ion haul.

Vibraphone

Bm G A E Bm G Em⁷ A D

Guitar

Bm G A E Bm G Em⁷ A D

5 Bm G A⁵ E Bm G Em⁷ A D

QUARK

Os - cil - lat - ions doc! Alter - nat - ing cur - rents?

JENTOH

It's high - er e - ner - gy le - vel. It's high - er e - ner - gy le - vel.

STUDENTS

This high - er ed - u - cat - ion haul. This high - er ed - u - cat - ion haul.

Vibraphone

Bm G A⁵ E Bm G Em⁷ A D

Guitar

Bm G A⁵ E Bm G Em⁷ A D

The musical score is written for five parts: Quark (vocals), Jentoh (vocals), Students (vocals), Vibraphone, and Guitar. The key signature is one sharp (F#), and the time signature is 4/4. The guitar part features a driving triplet bass line. The vibraphone and students parts provide harmonic support and melody. The lyrics are about oscillations and alternating currents.

9 G F#7 Bm Bm(add9) F#m7 Bm Bm(add9)

QUARK

Spe - cial states to - day? An - y phe - no - me - na?

JENTON

STUDENTS

It's high - er e - ner - gy le - vel. It's high - er e - ner - gy le - vel.

This high - er ed - u - cat - ion haul. This high - er ed - u - cat - ion haul.

G F#7 Bm Bm(add9) F#m7 Bm Bm(add9)

Vibraphone

G F#7 Bm Bm(add9) F#m7 Bm Bm(add9)

Guitar

3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

13 Bm F#m G A Bm A⁶ G A⁵ Em

QUARK

JENTOH

A - - larm in - fre - quen. See to in - te -

STUDENTS

This e - miss - ion leads to ground state. Who is this ed - u - cat - ed spoil?

That ad - miss - ion leaves ya ground - ed. What a low e - ner - gy le - vel.

Bm F#m G A Bm A⁶ G A⁵ Em

Vibraphone

Bm F#m G A Bm A⁶ G A⁵ Em

Guitar

17 D⁵ F[♯]m D A Bm F[♯]m G A⁵/B Em/B

QUARK

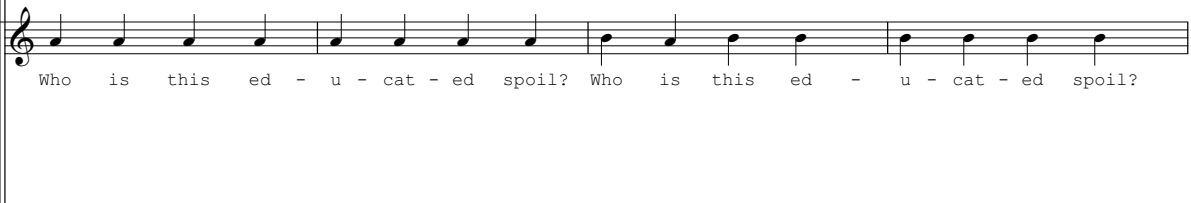


JENTOH

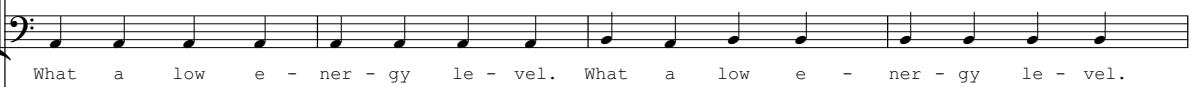


grat - ion. D'rive on. Pos - tu - late.

STUDENTS



Who is this ed - u - cat - ed spoil? Who is this ed - u - cat - ed spoil?



What a low e - ner - gy le - vel. What a low e - ner - gy le - vel.

D⁵ F[♯]m D A Bm F[♯]m G A⁵/B Em/B

Vibraphone



Guitar



21 D⁵ F^{#m} D A Bm A⁶ G A Bm

QUARK

Check va - li - di - ty.

JENTOH

A pos. Think sphere.

STUDENTS

Who is this ed - u - cat - ed spoil? Jump up those e - ner - gy le - vels!

What a low e - ner - gy le - vel. Bump out some end - less cre - den - tials!

D⁵ F^{#m} D A Bm A⁶ G A Bm

Vibraphone

Guitar

25 Fm C# D# A# Fm C# A#m7 D# G# 7

QUARK

As - sume my mo - tive. First or - der not - ed.

JENTOH

STUDENTS

Mo - ti - vat - ion. Make as - sumpt - ions. Nat - ural equat - ions. Di - rect notat - ions.

Mo - ti - vat - ion. Make as - sumpt - ions. Nat - ural equat - ions. Di - rect notat - ions.

Fm C# D# A# Fm C# A#m7 D# G#

Vibraphone

Guitar

29 C# C7 Fm Fm(add9) Cm7 Fm Fm(add9)

QUARK

Fresh scho - lars un - veiled. Sur - veil - lance. Serve va - lence.

JENTOH

STUDENTS

Ge - ner - at - ions. In - for - mat - ion. Ob - ser - vat - ion. Shelled e - lec - trons!

Vibraphone

C# C7 Fm Fm(add9) Cm7 Fm Fm(add9)


Guitar

3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

The musical score is arranged in five staves. The QUARK staff is a treble clef with lyrics. The JENTOH staff is a treble clef with rests. The STUDENTS staff has two parts: a treble clef with lyrics and a bass clef with lyrics. The Vibraphone staff is a treble clef with chords. The Guitar staff is a treble clef with triplets.

33 Gm F⁶ D[#] F⁵ Cm A^{#5} Dm A[#] F

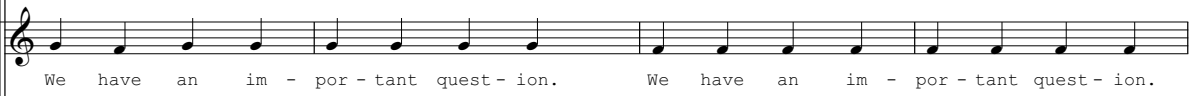
QUARK



JENTOH

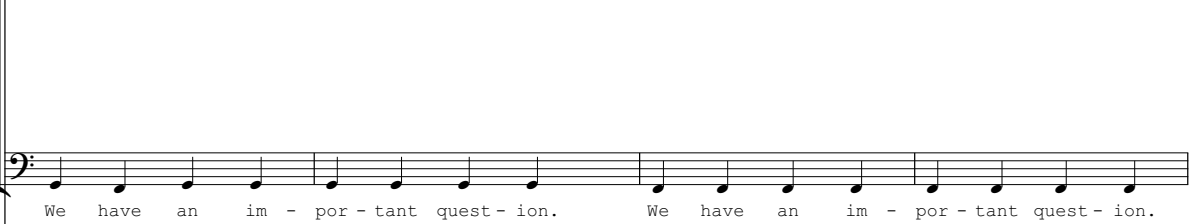


Teach - - - ing as - sis - tant. These stu - - -



STUDENTS

We have an im - por - tant quest - ion. We have an im - por - tant quest - ion.



STUDENTS

We have an im - por - tant quest - ion. We have an im - por - tant quest - ion.

Gm F⁶ D[#] F⁵ Cm A^{#5} Dm A[#] F

Vibraphone



Guitar



37 Gm Dm D# F5 Cm A#5 Dm A# F

QUARK

JENTOH

dents suck e - ner - gy out of you.

STUDENTS

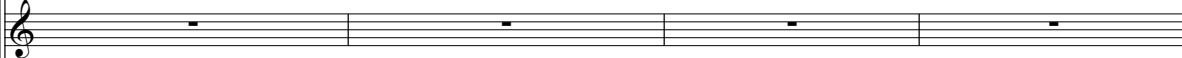
We have an im - por - tant quest - ion. We have an im - por - tant quest - ion.

Vibraphone

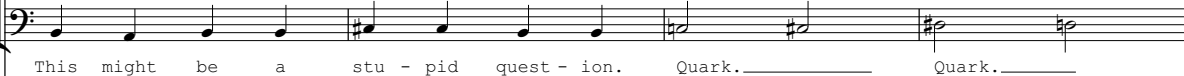
Guitar

41 Bm A⁶ G A Bm Fm C# D# A#

QUARK 

ЖЕНТОН 

STUDENTS 



Bm A⁶ G A Bm Fm C# D# A#

Vibraphone 

Guitar 

45 Fm C# A#m7 D# G# C# C7 Fm Fm(add9)

QUARK

Op - ti - cal, looks good. Ba - sic - ally, I'm hip.

ЖЕНТОХ

Gee Pro - fes - sor Жен - тох. Gee Pro - fes - sor Жен - тох.

STUDENTS

Quark. Quark. Quark. Quark.

Vibraphone

Fm C# A#m7 D# G# C# C7 Fm Fm(add9)

Guitar

3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

49 Cm⁷ Fm Fm(add9) Bm F# Bm F#

QUARK I'll ad - dress all quest - ions!

JEN TOH So fail - ing. Ask if

Gee Pro - fes - sor Jen - toh. Thank you, Quark. Thank you, Quark.

STUDENTS

Quark. Quark. No thanks to you, Jen - toh.

Cm⁷ Fm Fm(add9) Bm F# Bm F#

Vibraphone

Guitar

53 Bm F# Gm Gm/A Bm F# Bm F#

QUARK

JENNON

quest - ions 'rise brief - - - ly then you snub. No

Thank you, Quark. Thank you, Quark. Thank you, Quark. Thank you, Quark.

STUDENTS

No thanks to you, Jen - тон. No thanks to you, Jen - тон.

Vibraphone

Bm F# Gm Gm/A Bm F# Bm F#

Guitar

Detailed description: The musical score is for page 14 of a piece. It features five staves. The first staff is for Quark, with a treble clef and a key signature of B minor (two flats). The second staff is for Jennon, with a treble clef and a key signature of B minor. The third staff is for Students, with a treble clef and a key signature of B minor. The fourth staff is for Vibraphone, with a treble clef and a key signature of B minor. The fifth staff is for Guitar, with a treble clef and a key signature of F# major (one sharp). The score includes lyrics in English and Russian. The key signature changes from B minor to F# major for the guitar part. The score is divided into measures by vertical bar lines. The lyrics are written below the corresponding staves. The instrumental parts for Vibraphone and Guitar are written in a rhythmic style with eighth and sixteenth notes.

57 **Bm** **F#** **Gm** **Gm/A** **Am Bm** **Am E7** **Am** 15

QUARK

ЛЕНТОН

need va - li - - dat - - ion.

ATOM

Steal 'lec-tri-ci - ty. I'll sur-veil

STUDENTS

Thank you, Quark. Thank you, Quark. Ex - act - ly what

No thanks to you, Леп - тон. Ex - act - ly what

Vibraphone

Bm **F#** **Gm** **Gm/A** **Am Bm** **Am E7** **Am**

Guitar

Am **Bm** **Am** **E7** **Am**

61

QUARK

Spin is an odd mag - net - ic pro - pert-y

ATOM

here. High-er le - vel. How's that go - ing? You can't spin

STUDENTS

is spin? Quark E? Ex - - - - act -

Vibraphone

Guitar

Bm Am E7 Am E7 Am Bm Am E7

Bm Am E7 Am E7 Am Bm Am E7

The musical score is arranged in five staves. The QUARK staff is in treble clef and contains the lyrics "Spin is an odd mag - net - ic pro - pert-y". The ATOM staff is in treble clef and contains the lyrics "here. High-er le - vel. How's that go - ing? You can't spin". The STUDENTS staff consists of two staves, both in treble clef, with the lyrics "is spin? Quark E? Ex - - - - act -". The Vibraphone staff is in treble clef and contains no lyrics. The Guitar staff is in treble clef and contains guitar chord diagrams for Bm, Am, E7, and Bm. The chords are indicated by letters (Bm, Am, E7) and diagrams showing the fretting hand positions. The score is divided into three measures by vertical bar lines. The first measure contains the first two staves, the second measure contains the third and fourth staves, and the third measure contains the fifth and sixth staves.

64 Am Bm Am E⁷ 17

QUARK

en - com - pass - ing quan - tum 'lec - tro - mag - ne - ti - sm theo - Real - ly,

ATOM

this. You can't spin this. You can't spin

STUDENTS

ly what is spin?

Vibraphone

Am Bm Am E⁷

Guitar

Am Bm Am E⁷

The musical score is arranged in five staves. The top staff, labeled 'QUARK', is in treble clef and contains the lyrics 'en - com - pass - ing quan - tum 'lec - tro - mag - ne - ti - sm theo - Real - ly,' with chords Am, Bm, Am, and E⁷ above it. The second staff, labeled 'ATOM', is in treble clef and contains the lyrics 'this. You can't spin this. You can't spin'. The third staff, labeled 'STUDENTS', has two staves (treble and bass clef) and contains the lyrics 'ly what is spin?'. The fourth staff, labeled 'Vibraphone', is in treble clef and contains the chords Am, Bm, Am, and E⁷. The bottom staff, labeled 'Guitar', is in treble clef and contains the chords Am, Bm, Am, and E⁷. The number '64' is at the beginning of the first staff, and '17' is at the end of the first staff.

66 Am E7 Am Bm Am E7

QUARK we should 'dress the mat - ter here. I need to ei - gen - state up - down

ATOM this. You can't spin this. You can't spin

T A? Ex - - act -

STUDENTS

T A? Ex - - act -

Vibraphone Am E7 Am Bm Am E7

Guitar Am E7 Am Bm Am E7

68 Am B⁷ D E⁷

QUARK ob - ser - va - ble. You're al - - ways in my space?

ATOM this. You can't spin this. Need to men - tion, you can't spin

STUDENTS ly what is spin? Teach - - er?

ly what is spin? Teach - - er?

Vibraphone Am B⁷ D E⁷

Guitar Am B⁷ D E⁷

71

Am Bm Am E7 Am

QUARK

Space-time fa-bri-cat-ion brings a - bout li - mi - tat-ions, so let's

ATOM

us. You can't spin us. You can't spin us. You can't spin us. You can't spin

STUDENTS

What do you have in core for us?

Vibraphone

Am Bm Am E7 Am

Guitar

Am Bm Am E7 Am

73

QUARK

Bm Am E7 Am E7

move to state for - mat - ion, mixed va - lence with - in fem - to - se - conds, hear

ATOM

us. You can't spin us. You can't spin us. You can't spin us. You can't spin

STUDENTS

What do you have in ac - cord - ance?

What do you have in ac - cord - ance?

Vibraphone

Bm Am E7 Am E7

Guitar

Bm Am E7 Am E7

75 Am Bm Am E7 Am

QUARK all that qua-si-bo-rons? An e-xa-mi-nat-ion filled

ATOM us. You can't spin us. You can't spin us. You can't spin us. You can't spin

STUDENTS What do you have that'll shock our core?

Vibraphone Am Bm Am E7 Am

Guitar Am Bm Am E7 Am

77 QUARK

with holes in scan - trons.

B⁷ D E⁷

ATOM

us. You can't spin us. You can't spin us. In theor - y though, Please share with

STUDENTS

What do you ex - pect from nu - clei?

What do you ex - pect from nu - clei?

Vibraphone

B⁷ D E⁷

Guitar

B⁷ D E⁷

79 Am Bm Am E7 Am

QUARK Think of in-side-out-side your mat-ters, you'll fi-gure out your charge

ATOM us. Please share with us. Please share with

STUDENTS Will this mo-ment

Vibraphone Am Bm Am E7 Am

Guitar Am Bm Am E7 Am

us. Please share with us. Please share with

Will this mo-ment

Will this mo-ment

Will this mo-ment

81

QUARK

Bm Am E7 Am E7

and your con - fi - gu - rat - ion. There's some - thing to be - ing no - ble, guess.

ATOM

us. Please share with us. Please share with

STUDENTS

be curved? Fail - - - ure?

be curved? Fail - - - ure?

Vibraphone

Bm Am E7 Am E7

Guitar

Bm Am E7 Am E7

Lento

QUARK 83 Am Bm Am E7 Am

I'll stop with sur - veil - lance when this bas - ic u - nit just quits

ATOM

us. Please share with us. Please share with

STUDENTS

Will this mo - - ment

STUDENTS

Will this mo - - ment

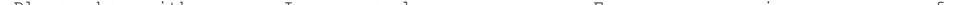
Vibraphone Am Bm Am E7 Am

Guitar Am Bm Am E7 Am

85 B⁷ D E⁷ Bm G A E

QUARK
tak - ing e - ner - gy!

ATOM



us. Please share with us. I serve va- lence. E - ner - gies for

be curved? Va - lence? Con tri - but - ion. Con tri - but - ion.

be curved? Va - lence? Con - tri - but - ion. Con - tri - but - ion.

Vibraphone

[illegible]

89 Bm G G⁶ A D G F^{#7}

QUARK

the va - lence! If you are high - er

Con - tri - but - ion. Con - tri - but - ion. Con - tri - but - ion.

STUDENTS

Con - tri - but - ion. Con - tri - but - ion. Con - tri - but - ion.

Vibraphone

Bm G G⁶ A D G F^{#7}

Guitar

Bm G G⁶ A D G F^{#7}

Detailed description of the musical score: The score is for a piece in B minor, 4/4 time. It features five staves. The QUARK staff has a melody of whole notes: B2, G2, A2, D3, G3, F#4. The ATOM staff has a melody of quarter notes: B2, G2, A2, D3, G3, F#4. The STUDENTS staff has two parts, both with triplets of eighth notes. The Vibraphone staff has a series of chords: Bm, G, G6, A, D, G, F#7. The Guitar staff has a series of chords: Bm, G, G6, A, D, G, F#7, and a rhythmic accompaniment of eighth notes.

92 Bm Bm(add9) F#m7 Bm Bm(add9)

QUARK

le - - vel though fail - ure, they can too!

STUDENTS

Con - tri - but - ion. Con - tri - but - ion. Con - tri - but - ion.

Vibraphone

Bm Bm(add9) F#m7 Bm Bm(add9)

Guitar

Bm Bm(add9) F#m7 Bm Bm(add9)

Moderato

95 Bm A⁶ G A Bm Am F G D

QUARK

ЯЕНТОН

They'll get e - lec - trons. They'll group the ele - ments.

ATOM

STUDENTS

Dis - tri - but - ion of the scan - trons. Nodes, or - bit - als.. Nodes, or - bit - als..

Dis - tri - but - ion of the scan - trons. Neu - tral cir - cles. Neu - tral cir - cles.

Vibraphone

Bm A⁶ G A Bm Am F G D

Guitar

Bm A⁶ G A Bm Am F G D

99 Am F Dm⁷ G C F E⁷ Am Am(add9)

QUARK

ЯЕНТОН

They'll con - fig - u - rate. They'll come out their shells.

ATOM

STUDENTS

Nodes, or - bit - als. Nodes, or - bit - als. Nodes, or - bit - als. Nodes, or - bit - als.

Neu - tral cir - cles. Neu - tral_ cir - cles. Neu - tral_cir cles. Neu - tral_ cir - cles.

Vibraphone

Guitar

Am F Dm⁷ G C F E⁷ Am Am(add9)

103 Em⁷ Am Am(add9) Gm F⁶ D[#] F⁵ Cm

QUARK

ЯЕНТОН

They'll find out they're va - liant. Quark, as - sist - ant,

ATOM

STUDENTS

Nodes, or - bit - als. Nodes, or bit - als. Mo - ti - vat - ion. Make as - sump - tions.

Neu - tral cir - cles. Neu - tral cir - cles. Mo - ti - vat - ion. Make as - sump - tions.

Vibraphone

Em⁷ Am Am(add9) Gm F⁶ D[#] F⁵ Cm

Guitar

Em⁷ Am Am(add9) Gm F⁶ D[#] F⁵ Cm

The musical score is arranged for a vocal ensemble and two instruments. The vocal parts are Quark, Jenson (ЯЕНТОН), Atom, and Students. The instrumental parts are Vibraphone and Guitar. The score is in 4/4 time and features a key signature of one flat (B-flat major or D-flat minor). The lyrics are in English and Russian. The guitar part includes chord diagrams for Em7, Am, Am(add9), Gm, F6, D#, F5, and Cm.

107 A^{#5} Dm A[#] F Gm F⁶ D[#] F⁵ Cm

QUARK

ЖЕНТОХ

you'll not fail. Quark, as - sur - ance,

ATOM

STUDENTS

Nat-u - ral__ e - qua - tions. Di - rect_no - tat - ions. Ge - ne - rat - ions. In - form - at - ion._

Nat-u - ral__ e - qua - tions. Di - rect_no - tat - ions. Ge - ne - rat - ions. In - form at - ion._

A^{#5} Dm A[#] F Gm F⁶ D[#] F⁵ Cm

Vibraphone

A^{#5} Dm A[#] F Gm F⁶ D[#] F⁵ Cm

Guitar

111 A^{#5} Dm A[#] F Bm F[#] Bm F[#]

QUARK

ЯЕПТОН

you need no val. Don't take it. Wrong e -

ATOM

STUDENTS

Ob - ser - vat - ion._ Shelled e - lec - trons! Va lence e-lec-trons. Va - lence e-lec-trons.

Ob - ser - vat - ion._ Shelled e - lec - trons! Va - li - dat - ion._ Va - li - dat - ion._

Vibraphone

A^{#5} Dm A[#] F Bm F[#] Bm F[#]

Guitar

A^{#5} Dm A[#] F Bm F[#] Bm F[#]

The musical score is arranged in five staves. The top staff, labeled 'QUARK', contains a series of whole rests. The second staff, labeled 'ЯЕПТОН', contains a melody with lyrics: 'you need no val. Don't take it. Wrong e -'. The third staff, labeled 'ATOM', contains a series of whole rests. The fourth staff, labeled 'STUDENTS', contains a melody with lyrics: 'Ob - ser - vat - ion._ Shelled e - lec - trons! Va lence e-lec-trons. Va - lence e-lec-trons.' The fifth staff, labeled 'Vibraphone', contains a melody with lyrics: 'Ob - ser - vat - ion._ Shelled e - lec - trons! Va - li - dat - ion._ Va - li - dat - ion._'. The bottom staff, labeled 'Guitar', contains a series of whole rests and guitar chord diagrams for A^{#5}, Dm, A[#], F, Bm, F[#], Bm, and F[#].

115 Bm F# Gm Gm/A Bm F# Bm F#

QUARK

ЖЕПТОН

ner - gy le - vel. ____ Va - li - di - ty. There's

ATOM

STUDENTS

Va - lence e-lec-trons. Va - lence e-lec-trons. Va - lence e-lec-trons. Va - lence e-lec-trons.

Va - li - dat - ion. _ Va - li - dat - ion. _ Va - li - dat - ion. _ Va - li - dat - ion. _

Vibraphone

Bm F# Gm Gm/A Bm F# Bm F#

Guitar

Bm F# Gm Gm/A Bm F# Bm F#

119 Bm F# Gm Gm/A Bm F# Bm F#

QUARK

ЯЕПТОН

no need search - ing va - li - di - ty. The heart

ATOM

STUDENTS

Va - lence e-lec-trons. Va - lence e-lec-trons. Va - lence e-lec - trons. Va - lence e-lec-trons.

Va - li - dat - ion. Va - li - dat - ion. Va - li - dat - ion. Va - li - dat - ion.

Vibraphone

Bm F# Gm Gm/A Bm F# Bm F#

Bm F# Gm Gm/A Bm F# Bm F#

Guitar

123 Bm F# Gm Gm/A Bm F#

QUARK

ЯЕПТОН

of phy - sics pumps. va - li - di - ty.

ATOM

STUDENTS

Va - lence e - lec - trons. Va - lence e - lec - trons. Va - lence e - lec - trons.

Va - li - dat - ion. Va - li - dat - ion. Va - li - dat - ion.

Vibraphone

Guitar

Bm F# Gm Gm/A Bm F#

Bm F# Gm Gm/A Bm F#

126 Bm F# Bm F# Gm Gm/A Bm

QUARK

ЖЕПТОХ

Need no va - li - dat - - i - on.

ATOM

STUDENTS

Va - lence e-lec-trons. Va - lence e-lec-trons. Va - lence e-lec-trons. Jump!

Va - li - dat - ion. Va - li - dat - ion. Va - li - dat - ion. Bump!

Vibraphone

Bm F# Bm F# Gm Gm/A Bm

Guitar

Bm F# Bm F# Gm Gm/A Bm