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NEWTON / BRONZE

Graham Williams

Programme note for Newton/Bronze.

This work is called Newton/Bronze because during the course of composing the piece I was also reading in my spare time an excellent book on Sir Isaac Newton by Micheal White. In addition, I came across the marvellous bronze statue of Sir Isaac Newton (after Blake) by the sculptor Sir Eduardo Paolozzi outside the new British Library in London.

Both these experiences, and the feeling involved, seemed to incorporate themselves into the structure of my piece - the solo viola becoming Sir Isaac Newton in his path through life and the 12 solo strings representing the many facets of the ststue. This work is not programme music in the strict sense but it is a musical journey from darkness into light.

This musical score page, numbered 2, features five staves: Violin I (Vln I), Violin II (Vln II), Viola (Vla), Violoncello (Vc.), and Double Bass (Db.). The music is in 4/4 time and includes various dynamics and articulations. The Violin I and II parts are mostly silent, with some entries in the later measures. The Viola part has a melodic line with triplets and dynamics ranging from *mf* to *f*. The Violoncello and Double Bass parts play a rhythmic accompaniment with triplets and dynamics from *ff* to *mf*. The Double Bass part includes *pizz.* and *arco* markings. A large blue watermark "Preview File Only" is oriented diagonally across the center of the page.

36

This musical score page contains 12 staves for various instruments. The instruments are: Vla (Violin II), Vln I (Violin I), Vln (Violin), Vln (Violin), Vln (Violin), Vln II (Violin II), Vln (Violin), Vln (Violin), Vla (Viola), Vla (Viola), Vc. (Violoncello), Vc. (Violoncello), and Db. (Double Bass). The score is divided into four measures. The first measure (36) features a melodic line in the Violin I, Violin, and Violin II staves, with dynamics ranging from *p* to *mf*. The second measure (37) continues this melodic line, with dynamics *mf* and *p*. The third measure (38) shows a change in dynamics to *p* and *f*. The fourth measure (39) concludes the section with dynamics *p* and *f*. The Viola and Violoncello parts provide harmonic support with dynamics *mf* and *p*. The Double Bass part is marked *p*. A large blue watermark 'Preview File Only' is overlaid diagonally across the center of the page.

40

ff

f

f

mf

mf

f

mf

f

mf

pizz. arco

f

mf

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Detailed description: This page of a musical score covers measures 40 through 43. The top staff is for Violin I (Vln I), which begins in measure 40 with a fortissimo (*ff*) dynamic. It features a melodic line with a triplet in measure 43. The Violin II (Vln II) staff starts in measure 40 with a melodic line. The Viola (Vla) and Violoncello (Vc.) staves have similar melodic lines, with dynamics ranging from *f* to *mf*. The Double Bass (Db.) staff starts in measure 40 with a pizzicato (*pizz.*) dynamic, then switches to arco in measure 41. A large blue watermark 'Preview File Only' is oriented diagonally across the center of the page.

This musical score page contains measures 44 through 47. The instruments are arranged as follows from top to bottom: Vla (Violin II), Vln I (Violin I), Vln (Violin), Vln (Violin), Vln (Violin), Vln II (Violin II), Vln (Violin), Vln (Violin), Vla (Viola), Vla (Viola), Vc. (Violoncello), Vc. (Violoncello), and Db. (Double Bass). The score features various musical notations including triplets, dynamic markings (mf, f, p), and articulation marks. A large blue watermark 'Preview File Only' is oriented diagonally across the center of the page.

50

Violin I (Vln I): Treble clef, 4/4 time. Dynamics: *p*, *pp*, *p*, *f*, *ff*. Includes a triplet in the first measure and a long slur across measures 2-4.

Violin II (Vln II): Treble clef, 4/4 time. Dynamics: *f*, *ff*. Includes a triplet in the final measure.

Violin III (Vln III): Treble clef, 4/4 time. Dynamics: *f*, *ff*. Includes a triplet in the final measure.

Violin IV (Vln IV): Treble clef, 4/4 time. Dynamics: *f*, *ff*. Includes a triplet in the final measure.

Violin V (Vln V): Treble clef, 4/4 time. Dynamics: *f*, *ff*. Includes a triplet in the final measure.

Violin VI (Vln VI): Treble clef, 4/4 time. Dynamics: *f*, *ff*. Includes a triplet in the final measure.

Viola (Vla): Alto clef, 4/4 time. Dynamics: *p*, *mf*, *f*, *ff*. Includes triplets in the final two measures.

Viola (Vla): Alto clef, 4/4 time. Dynamics: *mf*, *f*, *ff*. Includes triplets in the final two measures.

Cello (Vc): Bass clef, 4/4 time. Dynamics: *p*, *pp*, *mf*, *f*, *ff*. Includes *pizz.* and *arco* markings. Includes triplets in the final two measures.

Cello (Vc): Bass clef, 4/4 time. Dynamics: *p*, *pp*, *f*, *ff*. Includes *pizz.* and *arco* markings. Includes triplets in the final two measures.

Double Bass (Db): Bass clef, 4/4 time. Dynamics: *pp*, *f*, *ff*. Includes *pizz.* and *arco* markings. Includes triplets in the final two measures.

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55

Musical score for Violin I and Viola parts, measures 55-59. The score is written in 3/4 time and features a key signature of one flat (B-flat major or D minor). The Violin I part begins in measure 55 with a dynamic of *ff* (fortissimo) and a half note G4. In measure 56, it continues with a half note F4. Measure 57 features a half note E4. Measure 58 contains a half note D4. Measure 59 concludes with a half note C4. The Viola part is mostly silent, with some notes in measures 56-59. Dynamics include *mf* (mezzo-forte) and *p* (piano) in measures 57-58, and *f* (forte) in measure 59. A triplet of eighth notes is marked in measure 59. A large blue watermark "Preview File Only" is oriented diagonally across the center of the page.

74

This musical score page features four systems of staves. The first system includes Violin I (Vln I), Violin II (Vln II), and Violin III (Vln III), all in treble clef. The second system includes Violin IV (Vln IV) in treble clef, Violin V (Vln V) in treble clef, and Violin VI (Vln VI) in treble clef. The third system includes Viola I (Vla I) and Viola II (Vla II) in alto clef, and Cello I (Vc I) and Cello II (Vc II) in bass clef. The fourth system includes Cello III (Vc III) and Double Bass (Db.) in bass clef. The Violin I part is the most active, starting with a melody of eighth notes and triplets, marked with dynamics *mf*, *f*, *p*, *mf*, and *p*. The Viola and Cello parts provide harmonic support with similar rhythmic patterns. A large blue watermark 'Preview File Only' is oriented diagonally across the center of the page.

78

Vla (tr) *pp* *mf* *p*

Vln I

Vln

Vln

Vln

Vln II *p* *mf* *p*

Vln *p* *mf* *p*

Vln *p* *mf* *p*

Vla *pp* *mf* *p* *mf* *p*

Vla *mf* *p* *mf* *p*

Vc. *p* *mf* *p*

Vc. *p* *mf* *p*

Db. *p* *mf* *p*

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Musical score for measures 83-86, featuring Violin I, Violin II, Viola, Violoncello, and Contrabasso. The score includes dynamic markings such as *p*, *mf*, and *f*, and articulation like accents and slurs. Measure 83 starts with a *p* dynamic and a triplet. Measure 84 features a *mf* dynamic with a slur. Measure 85 has a *p* dynamic with a slur. Measure 86 includes a *f* dynamic and a quintuplet. A large blue watermark 'Preview File Only' is overlaid diagonally across the score.

This musical score page, numbered 19, features five staves: Violin I (Vln I), Violin II (Vln II), Viola (Vla), Violoncello (Vc), and Contrabasso (Db). The Violin I part begins at measure 92 with a *mf* dynamic, followed by a crescendo to *f* and then a *ff* section. The Violin II part is mostly silent, with some notes in the later measures. The Viola part is also mostly silent. The Violoncello and Contrabasso parts play a simple rhythmic pattern, starting with a *ff* dynamic and moving to *mf*. The score includes various musical notations such as slurs, accents, and dynamic markings. A large blue watermark reading "Preview File Only" is overlaid diagonally across the center of the page.