

# **Interact I** (Reduced Score)

**for flute and computer**

**written for Elizabeth McNutt**

**Barry Moon (1997)**

## Interact I - Performance Notes

The form of Interact I is open to interpretation by the performer, but the following guidelines should be followed:

There are three 'scores' which will be referred to as A/B (two pages with empty boxes delineating materials), 987 (one page with numbered boxes delineating materials), and abc (two pages with lettered boxes delineating materials).

The three 'scores' should be arranged thus:

**abc**

**987**

**A/B**

with the two pages of abc and A/B aligned vertically.

The computer attempts to follow the flutist by comparing the tracked pitches with previously recorded electronic 'scores'. The degree to which the computer follows the flutist accurately depends on how much of the material the flutist plays sequentially.

The sequence of materials for the abc score is normal alphabetical order for the top staff, and reverse alphabetical order for the bottom staff. The materials in this score relate to note duration and the player can move from the top left (long duration) to the bottom right (short duration) of the score by playing the top staff in normal alphabetical order, and in the opposite direction by playing the bottom staff in reverse alphabetical order. The performer is encouraged to swap between upper and lower staves and fragment materials within any single lettered group.

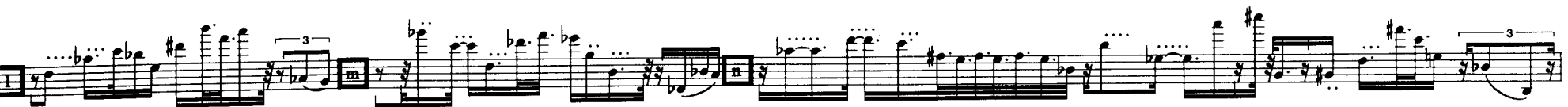
The materials in the 987 score relate to pitch vs. noise. These materials are to be treated similarly to those in the abc score; in this case a transition from noisy material (top left) to pitched material (bottom right) would be made by playing the top staff in descending numerical order, and a transition from bottom right to top left would be made by playing the bottom staff in ascending numerical order. Again, the player is encouraged to swap staves and fragment material within a single numbered group.

The A/B score is to be treated differently. These materials are rhythmically free and are to be played in a more relaxed, improvised manner. The materials in this score relate to dynamics, where both the top left of A and bottom right of B contain quiet materials, and the top right of A and the bottom left of B contain loud materials. Only the top four staves of A and the bottom two staves of B are to be played sequentially. To play these materials sequentially, one must traverse from left to right, playing downwards through the top four staves (in the case of A) before jumping up to the top staff and playing downwards through the next four staves. When performing from this score the flutist is encouraged to play diagonally or vertically through similar materials.

As stated, the tempo and note durations of A/B are free. The tempo of 987 should be between 112 and 120, whereas the tempo of abc can range anywhere between 94 and 120. The dots above the notes in abc represent double-tongued 32nd notes which should generally be played as fast as possible. As the performer's tongue becomes tired, they are encouraged to use a breathier tone while fingering written pitches. Dynamics are mostly free throughout the piece and the performer should make choices of dynamics based on the dynamic of the computer part.

This page of musical notation contains six staves of music. The notation includes various rhythmic patterns such as triplets, quintuplets, and double-tonguing. Measure numbers are circled at the beginning of several lines: 120, 186, 213, 215, 178, 1493, and 186. The music concludes with a trill marked "tr (slowly)".

\* or as fast as double-tongued 32nd notes



Musical staff 1: Measures 9, 8, and 7. Includes markings: "breath in thru teeth", "flz.", "uvular noise + flz.", "key clicks", and circled measure numbers 1541, 1493, and 893.

Musical staff 2: Measures 9, 8, and 7. Includes markings: "pp", "flz.", "f", and "fff", and circled measure numbers 419, 102, 1510, 770, 1664, 1554, 893, and 1610.

Musical staff 3: Measures 6, 5, and 4. Includes markings: "flz.", "flz. upper notes", and circled measure numbers 17, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1735, 1140, and 1642.

Musical staff 4: Measures 6, 5, and 4. Includes markings: "sh (thru teeth)", "flz.", "flz. upper notes", and circled measure numbers 1642, 139, and 1.

Musical staff 5: Measures 3, 2, and 1. Includes markings: "flz." and circled measure numbers 3, 2, and 1.

Musical staff 6: Measures 3, 2, and 1. Includes markings: "flz. upper notes", "fade in flz.", "key clicks", "blocked", "gliss", and circled measure numbers 3, 2, and 1.

This page contains musical notation for a flute and voice. The notation is arranged in a vertical column on the page, with the flute part on the left and the voice part on the right. The music is written in a key with one sharp (F#) and a common time signature (C). The flute part includes various dynamics such as *pp*, *mp*, *f*, and *ppp*, as well as articulation marks like *tr* (trills) and *lip glass*. The voice part includes lyrics in Cyrillic script and performance instructions like *slowly depress g key* and *slowly*. Measure numbers are circled throughout the score, including 128, 1409, 1414, 1425, 1426, 1477, 1484, 1524, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000. The score includes various musical notations such as notes, rests, slurs, and articulation marks. The voice part includes lyrics in Cyrillic script and performance instructions like *slowly depress g key* and *slowly*. The flute part includes dynamics such as *pp*, *mp*, *f*, and *ppp*, as well as articulation marks like *tr* (trills) and *lip glass*. The score is divided into measures, with measure numbers circled throughout. The notation is arranged in a vertical column on the page, with the flute part on the left and the voice part on the right.

B

Musical score for a string quartet, featuring multiple staves with complex rhythmic patterns, dynamic markings, and performance instructions. The notation includes various note values, rests, and articulation marks. Circled numbers (e.g., 164, 1554, 1564, 1414, 1446, 1685, 1592, 1656, 1778, 406, 286, 1162, 158, 1532, 1347, 1344, 1337, 1677, 541, 687, 1568, 331, 32, 19, 21, 20, 1493, 26, 179, 26, 166, 424, 428, 233, 226, 1539/40, 164) are placed throughout the score. Performance instructions include "tr (slowly)", "sing gliss", "jet whistle", "sing", "pp", "ppp", "L5 L3", and "whistle tone". Dynamic markings such as "ff", "f", "mf", and "ppp" are used to indicate volume levels. The notation is dense and detailed, typical of a professional musical score.