

Cryin' Holy - J.D. Crowe

Eli Gilbert

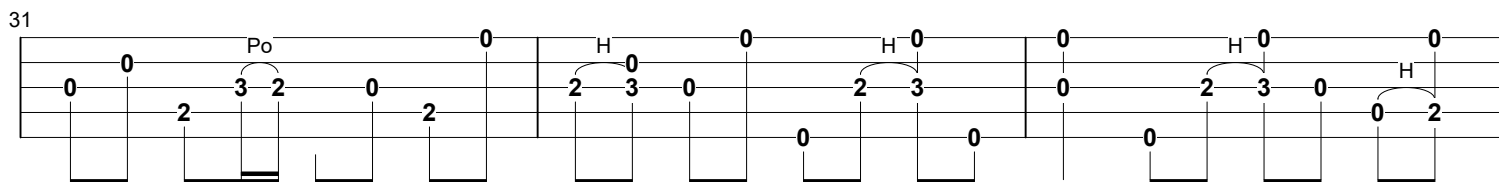
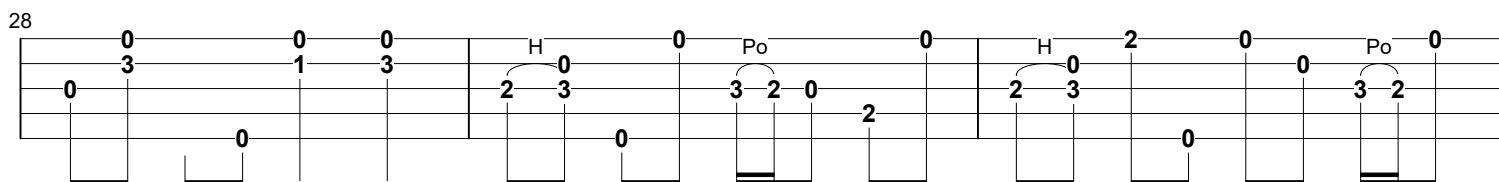
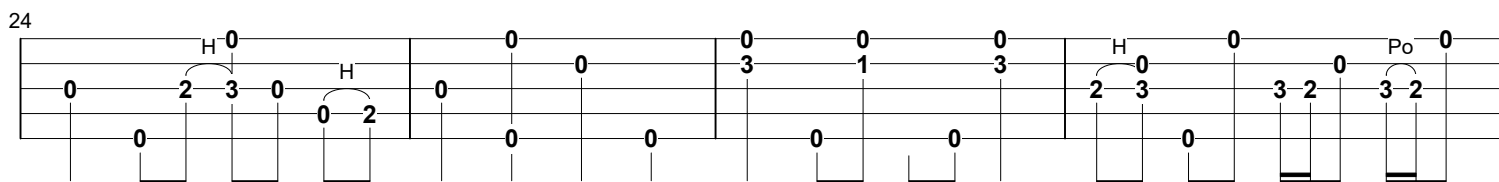
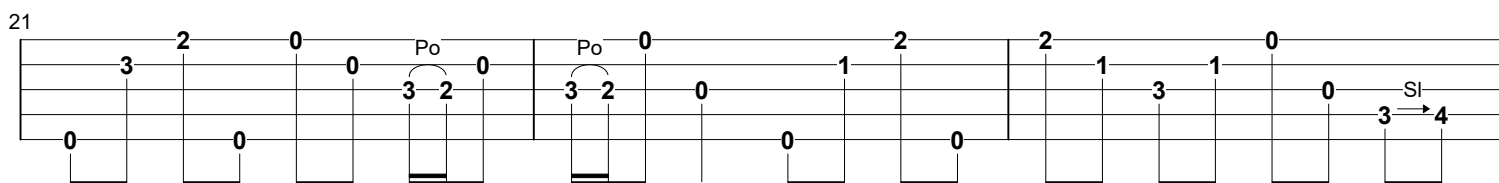
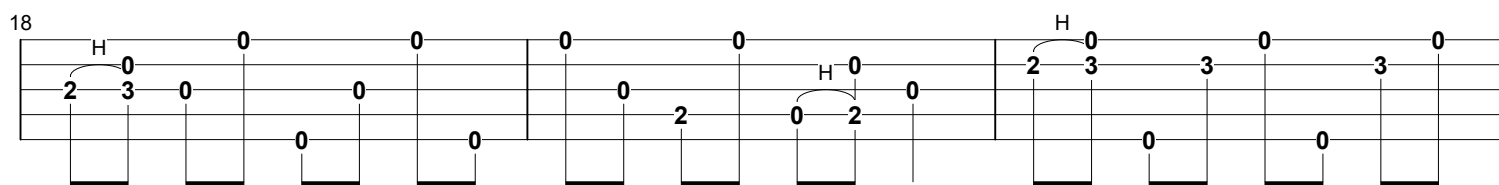
Diagram of a 4-qubit quantum circuit. The circuit has two stages. Stage 1: Qubit 0 is initialized to $|1\rangle$ (indicated by a 1 in a circle). Qubits 0 and 1 are entangled via a CNOT gate (control on 0, target on 1). Qubits 2 and 3 are entangled via a CNOT gate (control on 2, target on 3). Stage 2: Qubit 0 is initialized to $|1\rangle$. Qubits 0 and 1 are entangled via a CNOT gate (control on 0, target on 1). Qubits 2 and 3 are entangled via a CNOT gate (control on 2, target on 3). The final state is a product state of two Bell states.

The first system of the musical score for 'The Rose Tree' consists of two staves. The top staff is a treble clef with a key signature of one flat (B-flat). It contains a melody with notes and rests, some of which are marked with fingerings (0, 2, 3) and a 'Po' (piano) dynamic. The bottom staff is a bass clef with a key signature of one flat (B-flat). It contains a bass line with notes and rests, some marked with fingerings (0, 2, 3). The system is divided into two measures by a bar line.

15

0 0 0 2 0 4 0 0 2 3 0 2 0 0 2 3 0 0 2 0

H Po H Po



34

