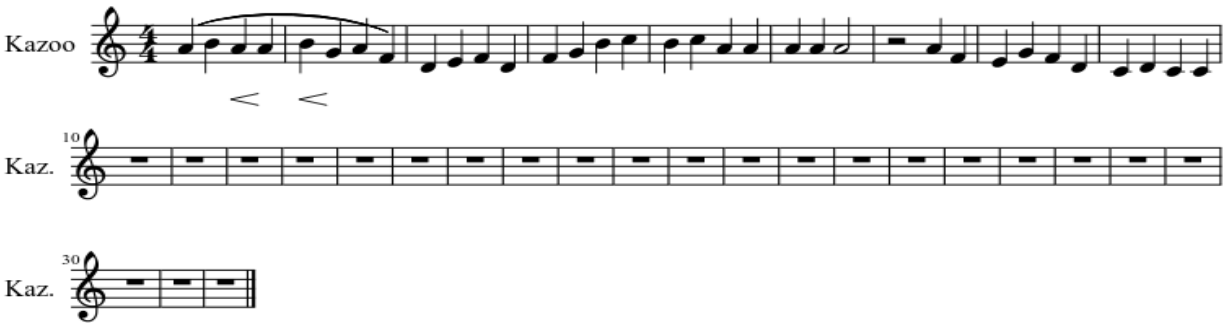MT_HW_Sep10