

### 3 Supplementary: Supporting videos from the experiments

Title:	Encoding and decoding in PLBM
Description:	This video illustrates effects of encoding, which clusters similar motion closer to one another. It also shows the generated motion, which is comparable to the original motion.
Video URL:	<a href="https://youtu.be/yUII3-31sc0">https://youtu.be/yUII3-31sc0</a>

Title:	Generating congruent and expressive gesture using PLBM during decouple
Description:	This video shows the associating process of the PLBM. During learning, the PLBM learns and creates rules across all the modalities, e.g. facial features and gesture. In a decoupling situation, the PLBM can insert congruent gestures given observable modalities.
Video URL:	<a href="https://youtu.be/VRKo_r303h0">https://youtu.be/VRKo_r303h0</a>

Title:	Generating smooth and expressive gesture using PLBM during intermittent connection
Description:	This video illustrates the disadvantages of transmitting spatial features during teleoperation. Furthermore, it also demonstrates the advantage of using spatiotemporal distributed features during teleoperation.
Video URL:	<a href="https://youtu.be/qB3Xx80oEXs">https://youtu.be/qB3Xx80oEXs</a>

Title:	Collision avoidance using PLBM with EA
Description:	This video shows the result of the PLBM tuning the motion to avoid a collision. It also displays the evolutionary algorithm procedure to find the best solution in a collision situation.
Video URL:	<a href="https://youtu.be/HLtWGTYhRUA">https://youtu.be/HLtWGTYhRUA</a>