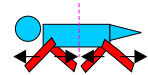
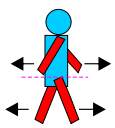
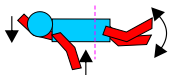
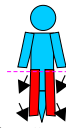
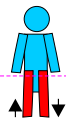
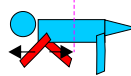
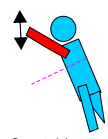
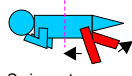


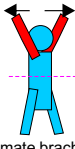
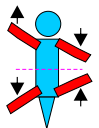
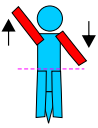
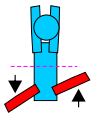
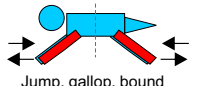

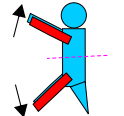
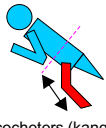
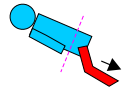
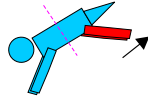
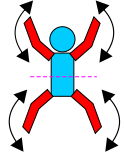
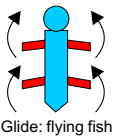
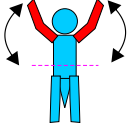
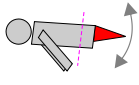
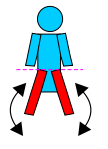
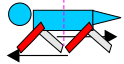
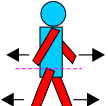
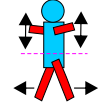
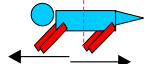


MATRIX OF COORDINATED LIMB ROTATIONS

ALTERNATING STROKES	
SYMMETRICAL LIMBS	ASYMMETRICAL LIMBS
VERTICAL PLANE  <p>Quadruped walk, run Swim: dog, bear, ungulates, (felines?) Tobaggan: penguins</p>  <p>Biped walk, run</p>  <p>Human crawl swim</p>	 <p>Fast swim: otter, seals, walrus, crocodile, Komodo dragon</p>  <p>Human scuba</p>  <p>Swim: polar bear</p>  <p>Scratching ursid, feline</p>  <p>Swim: rat, mouse,...</p>  <p>Primate bicycle</p>  <p>Bird walk, run</p>  <p>Primate brachiate</p>
HORIZONTAL PLANE  <p>Swim: otter (slow) Salmanders (slow?)</p>	 <p>Excavating mole Swim (platypus), sea lion (?)</p>  <p>Archaic frog swim</p>

PARALLEL STROKES	
SYMMETRICAL LIMBS	ASYMMETRICAL LIMBS
VERTICAL PLANE  <p>Jump, gallop, bound</p>  <p>Primate biped jump, quadruped jump, bird jump, gliders jump/glide</p>  <p>Boxing kangaroo</p>	 <p>Hop: ricocheters (kangaroo, etc.), Bird hop</p>  <p>Frog jump</p>  <p>Ungulate rear kick</p>
HORIZONTAL PLANE  <p>Slow swim frog, human, (primate?); all arboreal gliders</p>  <p>Glide: flying fish</p>	 <p>Fly: biped bird, penguin, auk (mammal) sea lion</p>  <p>Swim: whales and manatees, etc.</p>  <p>Frog swim (fast) beaver swim (fast)</p>

ANOMALOUS GAITS
ALTERNATE ANOMALOUS  <p>Pace gait</p>  <p>Fatigue gait (human)</p>
MIXED GAIT  <p>Bird running takeoff</p>
PARALLEL ANOMALOUS  <p>Sea turtle on land: swing-and-stance</p>