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| **Position error** | | |
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| Geometric control | Adaptive control | Adaptive concurrent learning control |

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| **Velocity error** | | |
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| Geometric control | Adaptive control | Adaptive concurrent learning control |
| **Attitude error** | | |
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| Geometric control | Adaptive control | Adaptive concurrent learning control |

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| **Angular velocity error** | | |
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| Geometric control | Adaptive control | Adaptive concurrent learning control |

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| **Moment of inertia** | |
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| Adaptive control | Adaptive concurrent learning control |

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| **Actuators** | | |
|  |  |  |
| Geometric control | Adaptive control | Adaptive concurrent learning control |