**Chapter 4**

**Validation**

**4.1. Kim and Moser**

* **Definition of viscous-wall units**
* **LES resolution requirements (wall-resolved)**
* **Models used: lagrangian averaging, dynamic eddy viscosity, eddy diffusivity**
* **Results**

**4.2. Nicoud**

* **Definition of temperature viscous-wall units, bulk Reynolds number**
* **Description of test case**
* **Models used: lagrangian averaging, dynamic eddy viscosity, eddy diffusivity**
* **Results**

**4.3. Tsuji and Nagano**

* **Description of test case**
* **Models used:**
* **Results**