

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafson's law if the 75% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafson's law if the 75% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied

and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafan's law if the 75\% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transporation of the food items through trucks required maintaining the temperature. So a study was conduted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafan's law if the 75\% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transporation of the food items through trucks required maintaining the temperature. So a study was conduted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafan's law if the 75\% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafson's law if the 75% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafson's law if the 75% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafson's law if the 75% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system,

performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafson's law if the 75% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafson's law if the 75% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transportation of the food items through trucks required maintaining the temperature. So a study was conducted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafan's law if the 75\% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transporation of the food items through trucks required maintaining the temperature. So a study was conduted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafan's law if the 75\% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

For transporation of the food items through trucks required maintaining the temperature. So a study was conduted for airflow pattern in the closed enclosure by using computational fluid dynamics (CFD) and two models i.e Reynolds Stress model(RSM) and the standard k-e model, were studied and their performance was measured. To validate the model predicted value of velocity and air flow were compared with the experimental data under conditions, and after that model is validated it is used as a design model to improve the complex conditions thereby it helps in avoiding the time taking experiments.

<https://reader.elsevier.com/reader/sd/pii/S0168169901001788?token=D69D7F09B93679CE01C34B637316995EB1DD4BCD90036C2C5445019EBCDF2D4C2FE58F5112027BE3832E0F3F09C820F5&originRegion=eu-west-1&originCreation=20211105100125>

As per Gustafan's law if the 75\% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.

As per Gustafson's law if the 75\% program is parallel then the speed of Petascale HPC is 249 times that of the existing HPC of Nestle. Therefore, as the resources are upgraded in the system, performance is also increased linearly because the change of workload is considered in Gustafson's law, which makes use of parallel processing.