detection :

|\_\_detectHog.py : permet de detecter les personnes automatiquement

|\_\_input: 2men.mp4

|\_\_output: output.avi

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dataUsedForGei:

|\_\_fast\_\_\_\_\_\_fq00 +energie.py-->gei\_fq00

| |\_\_\_fq01 +energie.py-->gei\_fq01

| |\_\_\_fq02

| |\_\_fq......fq09

|\_\_normal\_\_fn00.........fn09

|\_\_slow\_\_\_fs00.......fs09

each folder contains folders

each one of these folders(for exemple fq00) contain successive sequences of that person walking

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dataGEI

|\_\_\_fastGEI\_\_\_gei\_fq00

|\_\_gei\_fq01

|\_\_gei\_fq02

|\_\_gei\_fq03

|\_\_gei\_fq0......gei\_fq09

|\_\_\_normalGEI\_\_gei\_fn00......gei\_fn09

|\_\_\_slowGEI\_\_\_gei\_fs00......gei\_fs09

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classifying (i used cnn)

|\_\_\_classifier.py\_\_-->CNN.model

| |\_\_-->model.h5

| |\_\_-->model.json

| |\_\_-->X.pickel

| |\_\_-->y.pickel

|\_\_predict.py(i loaded the model successfully but i couldn't predict it)

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codesPython

|\_\_detectHog.py

|\_\_energie.py

|\_\_classifier.py

|\_\_predict.py