

[Home](#)[Blog](#)[Status](#)[Help](#)[Travis CI for Private Repositories](#)

Dhiana Deva

dhiana/mna

build **passing**

Modified Nodal Analysis

[Current](#)[Build History](#)[Pull Requests](#)[Branch Summary](#)[Build #209](#)[Job #209.1](#)**mnapoly** - Revert "Addition of K (inductor coupling) as element"

#209.1 passed

This reverts commit ef551940bba8187aa406ea2f2a02fbec64e77c4b.

ran for 32 sec
10 minutes ago

Dhiana Deva authored and committed

[Commit baaf1e3](#)[Compare 9edd48d..baaf1e3](#)

1 Using worker: worker-linux-4-2.bb.travis-ci.org:travis-linux-12

2

3 **Build system information**

system_info

5

6 \$ git clone --depth=50 --branch=mnapoly git://github.com/dhiana/mna.git dhiana/mna

git.checkout

0.41s

16 \$ export CXX=g++

17 \$ export CC=gcc

18 \$ gcc --version

19 gcc (Ubuntu/Linaro 4.6.3-1ubuntu5) 4.6.3

20 Copyright (C) 2011 Free Software Foundation, Inc.

21 This is free software; see the source for copying conditions. There is NO

22 warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

23

24 \$ echo \$LANG

before_install.1

0.01s

26 \$ echo \$LC_ALL

before_install.2

0.02s

28 \$ sudo apt-get update

before_install.3

10.00s

192 \$ sudo apt-get install libgtest-dev

before_install.4

4.28s

210 \$ cd /usr/src/gtest && sudo cmake . && sudo cmake --build . && sudo mv libg*

before_install.5

6.63s

241 \$ scons -c && scons && ./bin/test && ./bin/mna ./data/simples.net && ./bin/mna ./data/simple_tran.net

7.30s

242 scons: Reading SConscript files ...

243

244 scons: warning: Two different environments were specified for target src/matrix/matrix.o,

245 but they appear to have the same action: \$CXX -o \$TARGET -c \$CXXFLAGS \$CCFLAGS \$_CCCOMCOM \$SOURCES

246 File "/home/travis/build/dhiana/mna/SConstruct", line 20, in <module>

247

248 scons: warning: Two different environments were specified for target src/matrix/newtonraphson.o,

249 but they appear to have the same action: \$CXX -o \$TARGET -c \$CXXFLAGS \$CCFLAGS \$_CCCOMCOM \$SOURCES

250 File "/home/travis/build/dhiana/mna/SConstruct", line 20, in <module>

251

252 scons: warning: Two different environments were specified for target src/circuits/circuit.o,

253 but they appear to have the same action: \$CXX -o \$TARGET -c \$CXXFLAGS \$CCFLAGS \$_CCCOMCOM \$SOURCES

254 File "/home/travis/build/dhiana/mna/SConstruct", line 20, in <module>

255

256 scons: warning: Two different environments were specified for target src/circuits/element.o,

257 but they appear to have the same action: \$CXX -o \$TARGET -c \$CXXFLAGS \$CCFLAGS \$_CCCOMCOM \$SOURCES

258 File "/home/travis/build/dhiana/mna/SConstruct", line 20, in <module>

259 scons: done reading SConscript files.

260 scons: Cleaning targets ...

261 scons: done cleaning targets.

262 scons: Reading SConscript files ...

263

264 scons: warning: Two different environments were specified for target src/matrix/matrix.o,

265 but they appear to have the same action: \$CXX -o \$TARGET -c \$CXXFLAGS \$CCFLAGS \$_CCCOMCOM \$SOURCES

266 File "/home/travis/build/dhiana/mna/SConstruct", line 20, in <module>

To Top ▲

```
267
268 scons: warning: Two different environments were specified for target src/matrix/newtonraphson.o,
269       but they appear to have the same action: $CXX -o $TARGET -c $CXXFLAGS $CCFLAGS $_CCCOMCOM $SOURCES
270 File "/home/travis/build/dhiana/mna/SConstruct", line 20, in <module>
271
272 scons: warning: Two different environments were specified for target src/circuits/circuit.o,
273       but they appear to have the same action: $CXX -o $TARGET -c $CXXFLAGS $CCFLAGS $_CCCOMCOM $SOURCES
274 File "/home/travis/build/dhiana/mna/SConstruct", line 20, in <module>
275
276 scons: warning: Two different environments were specified for target src/circuits/element.o,
277       but they appear to have the same action: $CXX -o $TARGET -c $CXXFLAGS $CCFLAGS $_CCCOMCOM $SOURCES
278 File "/home/travis/build/dhiana/mna/SConstruct", line 20, in <module>
279 scons: done reading SConscript files.
280 scons: Building targets ...
281 g++ -o src/main.o -c -Iinclude src/main.cpp
282 g++ -o src/matrix/matrix.o -c -Iinclude src/matrix/matrix.cpp
283 g++ -o src/matrix/newtonraphson.o -c -Iinclude src/matrix/newtonraphson.cpp
284 g++ -o src/circuits/circuit.o -c -Iinclude src/circuits/circuit.cpp
285 g++ -o src/circuits/element.o -c -Iinclude src/circuits/element.cpp
286 g++ -o bin/mna src/main.o src/matrix/matrix.o src/matrix/newtonraphson.o src/circuits/circuit.o
    src/circuits/element.o -lnurses
287 g++ -o tests/matrix_test.o -c -Iinclude tests/matrix_test.cpp
288 g++ -o tests/newtonraphson_test.o -c -Iinclude tests/newtonraphson_test.cpp
289 g++ -o tests/stamps_test.o -c -Iinclude tests/stamps_test.cpp
290 g++ -o bin/test tests/matrix_test.o tests/newtonraphson_test.o tests/stamps_test.o src/matrix/matrix.o
    src/matrix/newtonraphson.o src/circuits/circuit.o src/circuits/element.o -lgtest -lgtest_main -lpthread
291 scons: done building targets.
292 Running main() from gtest_main.cc
293 [=====] Running 23 tests from 4 test cases.
294 [-----] Global test environment set-up.
295 [-----] 3 tests from MatrixSolveTest
296 [ RUN      ] MatrixSolveTest.Dummy
297 [       OK ] MatrixSolveTest.Dummy (0 ms)
298 [ RUN      ] MatrixSolveTest.AlmostDummy
299 [       OK ] MatrixSolveTest.AlmostDummy (0 ms)
300 [ RUN      ] MatrixSolveTest.SimpleCircuit
301 [       OK ] MatrixSolveTest.SimpleCircuit (0 ms)
302 [-----] 3 tests from MatrixSolveTest (0 ms total)
303
304 [-----] 1 test from NewtonRaphsonTest
305 [ RUN      ] NewtonRaphsonTest.SimpleCircuit
306 [       OK ] NewtonRaphsonTest.SimpleCircuit (0 ms)
307 [-----] 1 test from NewtonRaphsonTest (0 ms total)
308
309 [-----] 18 tests from ElementStampsTest
310 [ RUN      ] ElementStampsTest.CapacitorBias
311 +0.0 -0.0 ...
312 -0.0 +0.0 ...
313
314 [       OK ] ElementStampsTest.CapacitorBias (0 ms)
315 [ RUN      ] ElementStampsTest.CapacitorTransient
316 +10000.0 -10000.0 +40000.0
317 -10000.0 +10000.0 -40000.0
318
319 [       OK ] ElementStampsTest.CapacitorTransient (1 ms)
320 [ RUN      ] ElementStampsTest.InductorBias
321 ... ... +1.0 ...
322 ... ... -1.0 ...
323 -1.0 +1.0 +0.0 ...
324
325 [       OK ] ElementStampsTest.InductorBias (0 ms)
326 [ RUN      ] ElementStampsTest.InductorTransient
327 ... ... +1.0 ...
328 ... ... -1.0 ...
```

```
329 -1.0 +1.0 +10000.0 +40000.0
330
331 [ OK ] ElementStampsTest.InductorTransient (0 ms)
332 [ RUN ] ElementStampsTest.Resistor
333 +0.1 -0.1 ...
334 -0.1 +0.1 ...
335
336 [ OK ] ElementStampsTest.Resistor (0 ms)
337 [ RUN ] ElementStampsTest.TwoParametersPolynomialResistor
338 +20.0 -20.0 -10.0
339 -20.0 +20.0 +10.0
340
341 [ OK ] ElementStampsTest.TwoParametersPolynomialResistor (0 ms)
342 [ RUN ] ElementStampsTest.EightParametersPolynomialResistor
343 +0.2 -0.2 +1.5
344 -0.2 +0.2 -1.5
345
346 [ OK ] ElementStampsTest.EightParametersPolynomialResistor (0 ms)
347 [ RUN ] ElementStampsTest.VCCS
348 ... ... +10.0 -10.0 ...
349 ... ... -10.0 +10.0 ...
350 ... ... ... ...
351 ... ... ... ...
352
353 [ OK ] ElementStampsTest.VCCS (0 ms)
354 [ RUN ] ElementStampsTest.EightParametersPolynomialTransconductance
355 ... ... +0.2 -0.2 +1.5
356 ... ... -0.2 +0.2 -1.5
357 ... ... ... ...
358 ... ... ... ...
359
360 [ OK ] ElementStampsTest.EightParametersPolynomialTransconductance (0 ms)
361 [ RUN ] ElementStampsTest.CurrentSource
362 ... ... -10.0
363 ... ... +10.0
364
365 [ OK ] ElementStampsTest.CurrentSource (0 ms)
366 [ RUN ] ElementStampsTest.VoltageSource
367 ... ... +1.0 ...
368 ... ... -1.0 ...
369 -1.0 +1.0 ... -10.0
370
371 [ OK ] ElementStampsTest.VoltageSource (0 ms)
372 [ RUN ] ElementStampsTest.VCVS
373 ... ... ... ... +1.0 ...
374 ... ... ... ... -1.0 ...
375 ... ... ... ... ...
376 ... ... ... ... ...
377 -1.0 +1.0 +10.0 -10.0 ... ...
378
379 [ OK ] ElementStampsTest.VCVS (0 ms)
380 [ RUN ] ElementStampsTest.EightParametersPolynomialVoltageAmplifier
381 ... ... ... ... +1.0 ...
382 ... ... ... ... -1.0 ...
383 ... ... ... ... ...
384 ... ... ... ... ...
385 -1.0 +1.0 +0.2 -0.2 ... +1.5
386
387 [ OK ] ElementStampsTest.EightParametersPolynomialVoltageAmplifier (0 ms)
388 [ RUN ] ElementStampsTest.CCCS
389 ... ... ... ... +10.0 ...
390 ... ... ... ... -10.0 ...
391 ... ... ... ... +1.0 ...
392 ... ... ... ... -1.0 ...
```

```
393 ... .. -1.0 +1.0 ... ..
394
395 [ OK ] ElementStampsTest.CCCS (0 ms)
396 [ RUN ] ElementStampsTest.EightParametersPolinomialCurrentAmplifier
397 ... .. +0.2 +1.5
398 ... .. -0.2 -1.5
399 ... .. +1.0 ...
400 ... .. -1.0 ...
401 ... .. -1.0 +1.0 ... ..
402
403 [ OK ] ElementStampsTest.EightParametersPolinomialCurrentAmplifier (0 ms)
404 [ RUN ] ElementStampsTest.CCVS
405 ... .. +1.0 ...
406 ... .. -1.0 ...
407 ... .. +1.0 ... ..
408 ... .. -1.0 ... ..
409 ... .. -1.0 +1.0 ... ..
410 -1.0 +1.0 ... .. +10.0 ... ..
411
412 [ OK ] ElementStampsTest.CCVS (0 ms)
413 [ RUN ] ElementStampsTest.EightParametersPolinomialTransresistance
414 ... .. +1.0 ...
415 ... .. -1.0 ...
416 ... .. +1.0 ... ..
417 ... .. -1.0 ... ..
418 ... .. -1.0 +1.0 ... ..
419 -1.0 +1.0 ... .. +0.2 ... +1.5
420
421 [ OK ] ElementStampsTest.EightParametersPolinomialTransresistance (0 ms)
422 [ RUN ] ElementStampsTest.OpAmp
423 ... .. +1.0 ...
424 ... .. -1.0 ...
425 ... ..
426 ... ..
427 ... .. +1.0 -1.0 ... ..
428
429 [ OK ] ElementStampsTest.OpAmp (1 ms)
430 [-----] 18 tests from ElementStampsTest (2 ms total)
431
432 [-----] 1 test from CircuitStampsTest
433 [ RUN ] CircuitStampsTest.SimpleCircuit
434 +2.0 -1.0 -1.0 ... ..
435 -1.0 +2.0 ... .. -1.0 ... .. +1.0 ...
436 -1.0 ... +2.0 -1.0 ... .. +1.0 ... ..
437 ... .. -1.0 +2.0 ... ..
438 ... -1.0 ... .. +2.0 -1.0 ... ..
439 ... .. -1.0 +1.0 ... +1.0 ... ..
440 +1.0 ... ..
441 ... .. -1.0 +1.0 ... ..
442 ... -1.0 ... .. -1.0
443
444 [ OK ] CircuitStampsTest.SimpleCircuit (0 ms)
445 [-----] 1 test from CircuitStampsTest (0 ms total)
446
447 [-----] Global test environment tear-down
448 [=====] 23 tests from 4 test cases ran. (2 ms total)
449 [ PASSED ] 23 tests.
450
451 Modified Nodal Analysis
452 Originally by Antonio Carlos M. de Queiroz (acmq@coe.ufrj.br)
453 Modified by Dhiana Deva, Felipe de Leo and Silvino Vieira
454
455 .....0.....0.....
456 .....0.....0.....
```

```
457 .....0.....0.....
458 .....0.....0.....
459 ....0.....0.....
460 ..0.....0.....
461 .0.....0.....
462 0.....0.....
463 .....--/\ /\-- .....0.....-|(-.....0
464 .....0.....0.....
465 .....0.....0.....
466 .....0.....0.....
467 .....0.....0.....
468 .....0.....0.....
469 .....0.....0.....
470 .....0.....0.....
471
472 Reading netlist:
473 R0102 1 2 1
474 R0301 3 1 1
475 R0403 4 3 1
476 R0004 0 4 1
477 R0502 5 2 1
478 R0605 6 5 1
479 00300 3 0 1 0
480 00600 6 0 5 4
481 V0200 2 0 DC 1 0 0 0 0 0 0
482
483
484 Created: _mnapoly.tab
485
486 Modified Nodal Analysis
487 Originally by Antonio Carlos M. de Queiroz (acmq@coe.ufrj.br)
488 Modified by Dhiana Deva, Felipe de Leo and Silvino Vieira
489
490 .....0.....0.....
491 .....0.....0.....
492 .....0.....0.....
493 ....0.....0.....
494 ...0.....0.....
495 ..0.....0.....
496 .0.....0.....
497 0.....0.....
498 .....--/\ /\-- .....0.....-|(-.....0
499 .....0.....0.....
500 .....0.....0.....
501 .....0.....0.....
502 .....0.....0.....
503 .....0.....0.....
504 .....0.....0.....
505 .....0.....0.....
506
507 Reading netlist:
508 R0102 1 2 1
509 R0301 3 1 1
510 R0403 4 3 1
511 R0004 0 4 1
512 R0502 5 2 1
513 R0605 6 5 1
514 00300 3 0 1 0
515 00600 6 0 5 4
516 V0200 2 0 DC 1 0 0 0 0 0 0
517
518
519 Created: _mnapoly.tab
520
```

```
521 The command "scons -c && scons && ./bin/test && ./bin/mna ./data/simples.net && ./bin/mna  
./data/simple_tran.net" exited with 0.  
522  
523 Done. Your build exited with 0.
```

This test series was run on a worker box sponsored by Blue Box