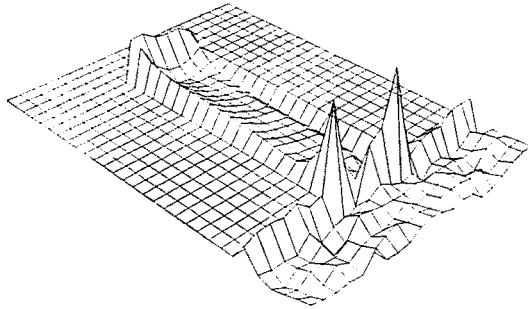Fig. 1

Fig. 2

during execution. This part of the code was modu-
larized and easily adapted for specific computers. In
its present form, the code can take advantage of
solid state memory devices and multiple processors
if available but does not require them to operate.

(c) The Simulation

The model will be used to simulate the 3-dimen-
sional flow in and around a submarine canyon incised
into the continental shelf and slope. This topic has
been studied very little. Only recently have detailed
field studies been performed in which current measure-
ments were made at several depths in the canyon;
usually they have focused on near bottom measure-
ments for studying turbidity current. Earlier runs

on the NEC SX2 indicate the higher resolution is
required in the canyon. The newer code is structured
for variable grid spacing so that additional grid points
can be concentrated in the submarine canyon while
allowing relatively sparse points over the uniform
shelf region.

Two figures show distributions of vertical velocity
for runs 30 at day 30. The model consists of three
levels for the shelf and three for the canyon with
the first level contacting the atmosphere and the sixth
one the bottomt Fig. 1 and Fig. 2 represent the
values at level 2 and level 6, respectively. Arrows
indicate direction of geostrophic flows. Both figures
indicate steady strong upwelling near the head. Sharp
peaks at the entrance may be transitory. (Matt
Howard.)

(Mr. Howard is a graduate student at the Dept. of
Oceanography at Texas A&M University. This
summary is from his dissertation.)

(*Editor: Takashi Ichiye, Department of Oceanog-
raphy, Texas A&M University, College Station,
TX 77843, USA*)

Errata

JECSS News No. 2, JOSJ 45, 1989 A97–A102

A97	Right	Line 27	Read "complemental"	for "complemetal"
A100	Left	Line 22	Read "It is worthwhile"	for "It worthwhile"
A101	Right	Line 14 from bottom	Read "Yat-sen"	for "Yatsu"
A102	Left	Line 6	Delete "the"	for "It is near the"

JECSS News No. 3, JOSJ 46, 1990 A1–A6

A1	Left	Line 1	Read "Seoul"	for "Soul"
	Right	Line 1	Read "local"	for "lobal"
A3	Right	Line 28	Read "publication"	for "pulication"
A5	Left	Line 14	Read "enhanced"	for "enhance"
	Right	Line 9	Read "hydrographic"	for "hydragraphic"
	Right	Line 13	Read "are"	for "ore"